

City of St. Charles Long Range Transportation Plan

City of St. Charles Public Works Department

2014

The Goal of the Long Range Transportation is to drive recommendations for future CIP submittals.



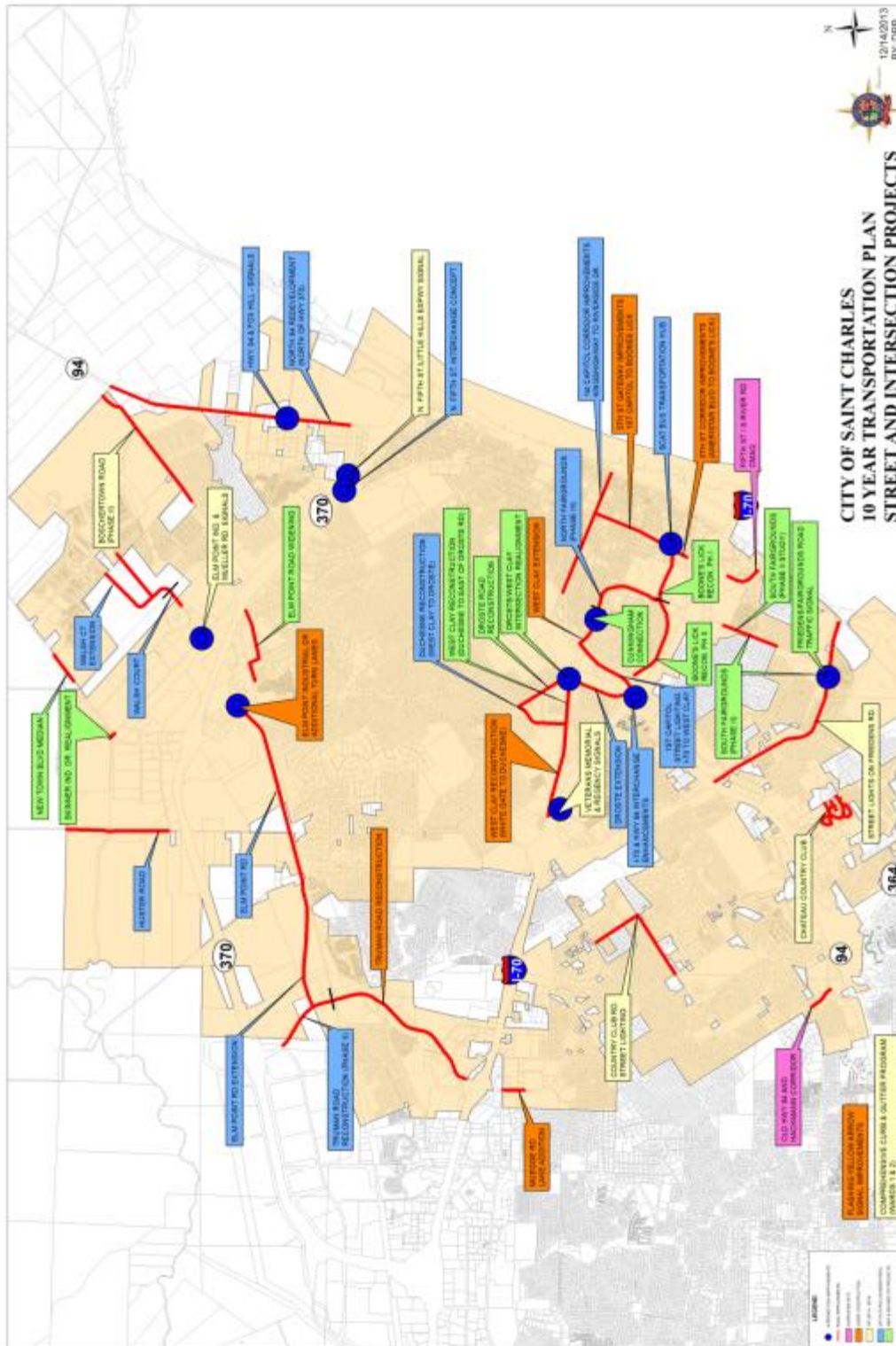
City of St. Charles Long Range Transportation Plan

Map of Road and Intersection Projects	4
Accident Location Map	5
PROJECTS COMPLETED IN 2013	7
OLD 94 & HACKMANN CORRIDOR	8
FIFTH ST/S. RIVER RD CMAQ	10
ACTIVE PROJECTS	13
NEW TOWN BLVD MEDIAN	32
WEST CLAY EXTENSION	14
FIFTH STREET CORRIDOR IMPROVEMENTS (AMERISTAR BLVD. TO BOONE’S LICK).....	16
FIFTH STREET GATEWAY IMPROVEMENTS (1 ST CAPITOL TO BOONE’S LICK).....	18
MUEGGE ROAD LANE ADDITION	20
WEST CLAY RECONSTRUCTION (WHITE GATE LN. TO DUCHESNE DR.)	22
FLASHING YELLOW ARROW SIGNAL IMPROVEMENTS	24
HARRY S. TRUMAN ROAD RECONSTRUCTION	26
ELM POINT INDUSTRIAL DRIVE ADDITIONAL LEFT TURN LANES	28
PROJECTED PROJECTS IN CIP 2014-2019	31
BOONE’S LICK ROAD RECONSTRUCTION (PHASE I)	32
BOONE’S LICK ROAD RECONSTRUCTION (PHASE II)	36
FRIEDENS ROAD/ FAIRGROUNDS SIGNALIZATION.....	38
SOUTH FAIRGROUNDS (PHASE II STUDY).....	40
SOUTH FAIRGROUNDS PHASE II.....	42
SKINNER INDUSTRIAL REALIGNMENT	44
ELM POINT RD WIDENING	46
CUNNINGHAM CONNECTION	48
DROSTE ROAD RECONSTRUCTION	50
DROSTE/WEST CLAY INTERSECTION REALIGNMENT	52
WEST CLAY RECONSTRUCTION (DUCHESNE DR. TO EAST OF DROSTE RD.)	54
CHATEAU COUNTRY CLUB STREET RECONSTRUCTION.....	56
ELM POINT INDUSTRIAL AND MUELLER RD SIGNALIZATION.....	58
COMPREHENSIVE CURB & CUTTER PROGRAM.....	60
STREET LIGHTS FOR FRIEDENS ROAD – SOUTH RIVER ROAD.....	62

City of St. Charles Long Range Transportation Plan

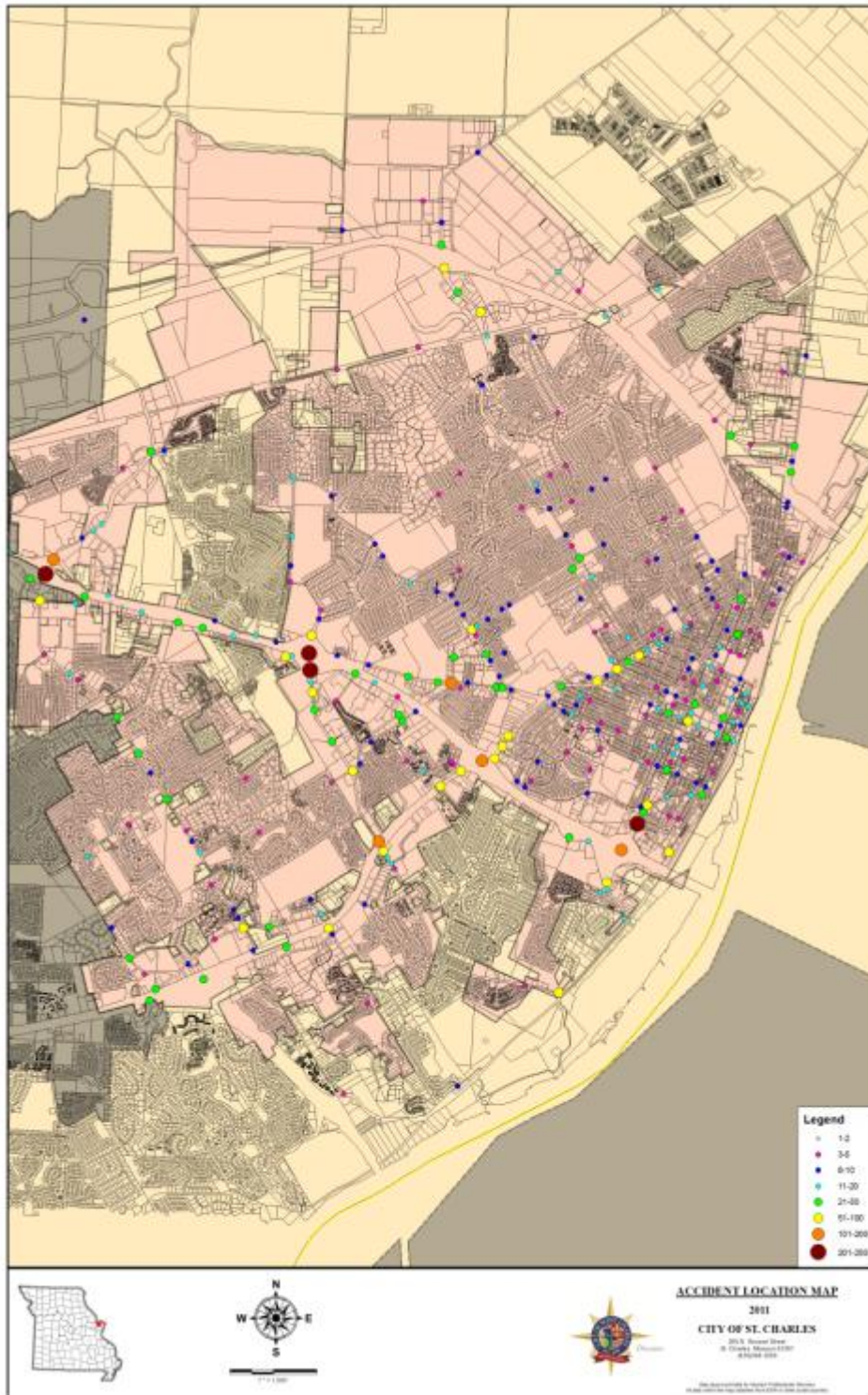
NORTH 5 TH STREET/ LITTLE HILLS EXPWY SIGNALIZATION	64
COUNTRY CLUB ROAD STREET LIGHTING	66
BOSCHERTOWN ROAD PHASE II	68
VETERANS MEMORIAL AND REGENCY PARKWAY SIGNALIZATION	70
FUTURE PROJECTS.....	73
SCAT SYSTEM IMPROVEMENTS	74
1 ST CAPITOL CORRIDOR KINGSHIGHWAY TO RIVERSIDE DRIVE	76
DROSTE ROAD EXTENSION.....	78
DUCHESNE RECONSTRUCTION (WEST CLAY ST. TO DROSTE RD.)	80
HUSTER ROAD RECONSTRUCTION	82
NORTH FAIRGROUNDS (PHASE III).....	84
INTERCHANGE ENHANCEMENTS (FIRST CAPITOL AND I-70)	86
FIRST CAPITOL STREET LIGHTING	88
NORTH 5 TH STREET/ 370 INTERCHANGE	90
NORTH HIGHWAY 94 REDEVELOPMENT (NORTH OF HWY 370)	92
WALSH COURT	94
WALSH COURT EXTENSION	96
ELM POINT ROAD RECONSTRUCTION.....	98
ELM POINT ROAD EXTENSION	100
TRUMAN ROAD RECONSTRUCTION (PHASE II)	102
HWY 94 AND FOX HILL SIGNALIZATION	104
EAST-WEST GATEWAY FUNCTIONAL CLASSIFICATION	106
COUNTY ROAD BOARD FUNDING ELIGIBLE MAP	107

Map of Road and Intersection Projects



City of St. Charles Long Range Transportation Plan

Accident Location Map



PROJECTS COMPLETED IN 2013



City of St. Charles Long Range Transportation Plan

OLD 94 & HACKMANN CORRIDOR

- GOAL OF PROJECT: Reduce congestion
- PROJECT DESCRIPTION: Create an exclusive right turn lane for eastbound McClay Rd traffic onto southbound Hackmann Rd to accommodate traffic going to Rte 364 (Page Ave.) Project was expanded to include the intersection of Hackmann Rd and Old Hwy 94.
- PROJECT LIMITS: Intersection of McClay and Hackmann and Intersection of Hackmann and Old Hwy 94
- ESTIMATED COST: \$1,400,000
- FINAL COST: \$760,000 (Construction & ROW)
- OUTSIDE FUNDING: County Road Board is providing up to \$461,550 for construction and right-of-way costs. CMAQ is providing up to \$884,800 for construction and right-of-way costs.
- SCHEDULE:

Design:	2012 – Complete
ROW:	2012 – Complete
Construction:	2013 – Final Closeout



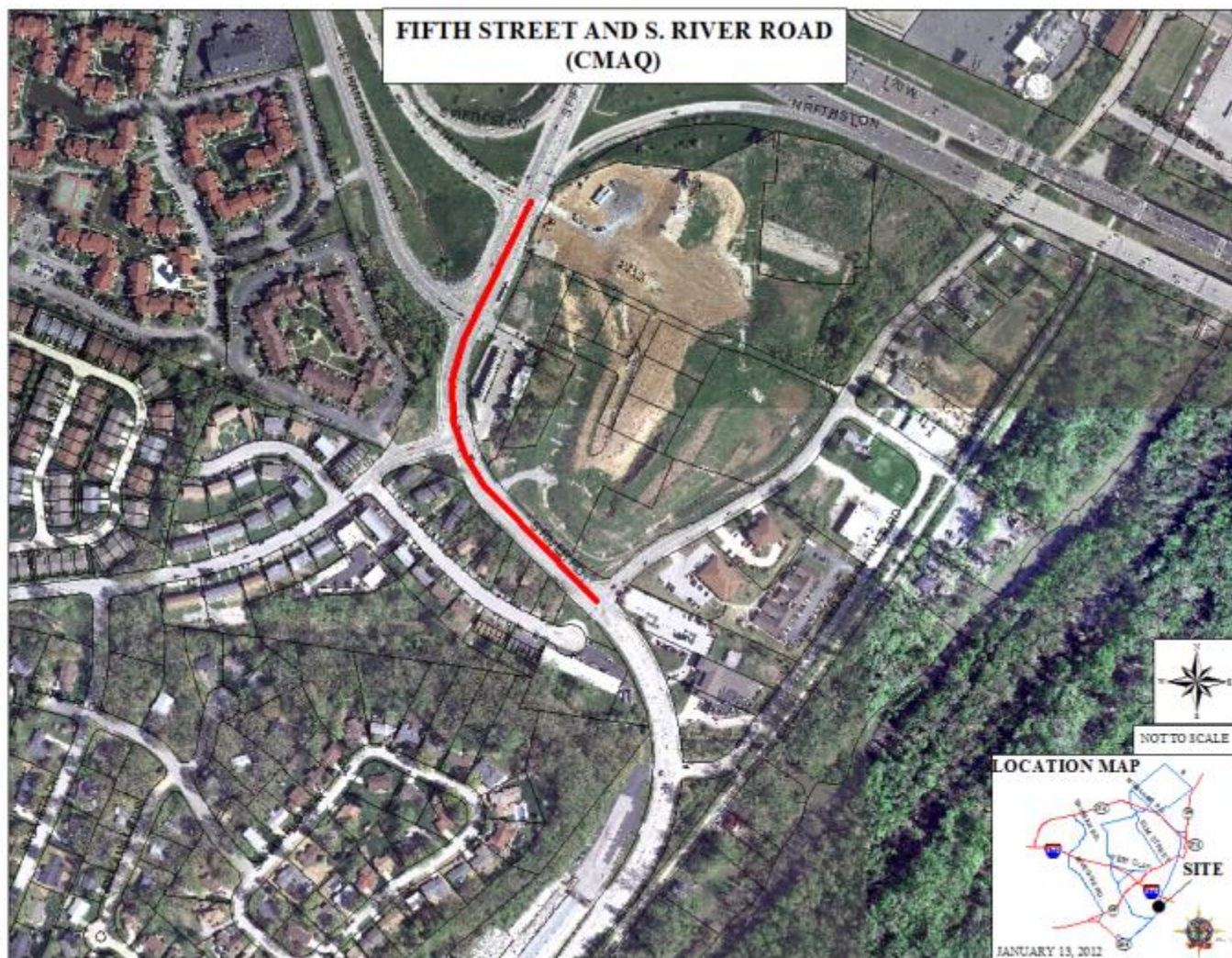
City of St. Charles Long Range Transportation Plan

FIFTH ST/S. RIVER RD CMAQ

- GOAL OF PROJECT: Reduce congestion
- PROJECT DESCRIPTION: Reconstruct failing pavement, remove overhead utilities, and improve traffic signals in the corridor.
- PROJECT LIMITS: 5th St. from north of the WB I-70 off ramp to S. Main St.
- ESTIMATED COST: \$3,500,000
- FINAL COST: \$2,850,000 est. (80% CMAQ, 20% NID)
- OUTSIDE FUNDING: E-W Gateway CMAQ funding and Developer Contribution
- SCHEDULE:

Design:	By Developer - Complete
ROW:	2012 – Complete
Construction:	2013 – Final Closeout

City of St. Charles Long Range Transportation Plan



ACTIVE PROJECTS



City of St. Charles Long Range Transportation Plan

WEST CLAY EXTENSION

- **GOAL OF PROJECT:** Arterial Road Connection to reduce congestion and improve traffic distribution.
- **PROJECT DESCRIPTION:** The proposed 2 to 5 lane road will be coordinated with
- **PROJECT LIMITS:** First Capitol to Boone Ave
- **ESTIMATED COST:** \$9,700,000
- **OUTSIDE FUNDING:** Unknown
- **SCHEDULE:**

Design:	90% – Complete
ROW:	Complete
Construction:	2013 – Phase 1
	2014 – Phase 2
- **Note:** Due to delays in the multi-party agreement regarding the USPS parcel the project was separated into two phases. Phase 1 is between First Capitol and St. Charles Ave. Phase 2 is between St. Charles Ave. and Boone. Construction on phase 1 will be completed before the end of 2013 and include much of the grading for phase 2. Once the USPS settles on a profile, phase 2 design will be completed and construction can begin.



City of St. Charles Long Range Transportation Plan

FIFTH STREET CORRIDOR IMPROVEMENTS (AMERISTAR BLVD. TO BOONE'S LICK)

- GOAL OF PROJECT: Improve the existing pavement and aligning the traffic lanes.
- PROJECT DESCRIPTION: Reconstruct the pavement and include drainage structures.
- PROJECT LIMITS: Fifth Street from Ameristar Blvd. to Boone's Lick Rd.
- ESTIMATED COST: \$1,820,000
- OUTSIDE FUNDING: County Road Board
- SCHEDULE:

Design:	2013-2014
ROW:	2013-2014
Construction:	2014

City of St. Charles Long Range Transportation Plan



City of St. Charles Long Range Transportation Plan

FIFTH STREET GATEWAY IMPROVEMENTS (1ST CAPITOL TO BOONE'S LICK)

- **GOAL OF PROJECT:** Enhance corridor, create pedestrian oriented streetscape and spur economic redevelopment in the newly created Hospital Overlay District.
- **PROJECT DESCRIPTION:** Pavement rehabilitation, streetscape improvements, removing overhead utilities from the corridor, tree lawns, widen sidewalks, landscaping, and provide bicycle facilities on 6th St.
- **PROJECT LIMITS:** 1st Capitol to Boone's Lick
- **ESTIMATED COST:** \$4,100,000
- **OUTSIDE FUNDING:** Federal STP, County Road Board
- **SCHEDULE:**

Design:	2013-2014
ROW:	2013-2014
Construction:	2014
- **Note:** Project was developed in the 2011 Tiger 3 grant.



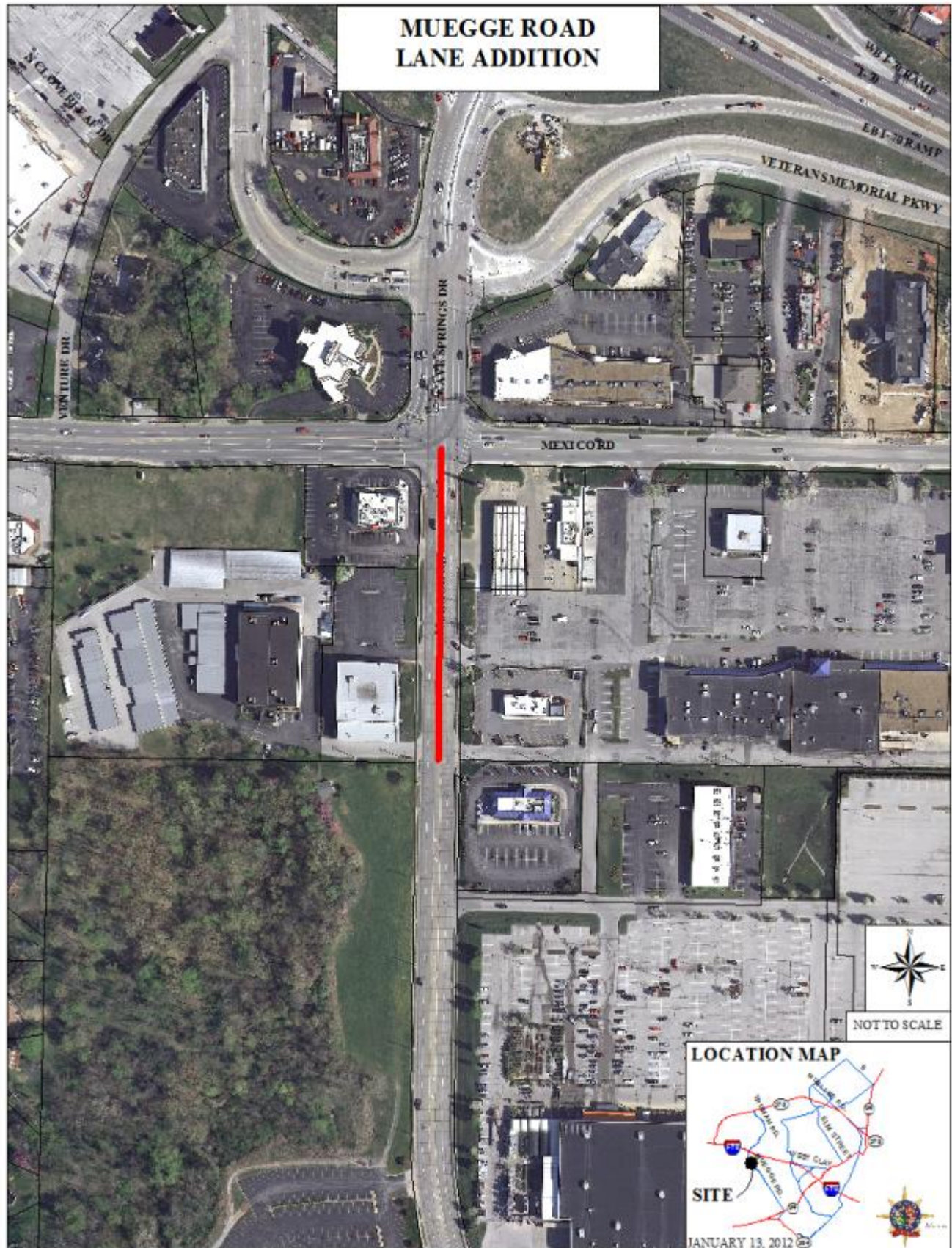
City of St. Charles Long Range Transportation Plan

MUEGGE ROAD LANE ADDITION

- **GOAL OF PROJECT:** Improve traffic flow through Muegge Road and Mexico Road Intersection.
- **PROJECT DESCRIPTION:** Add additional left turn lanes on Muegge Road onto Mexico Road.
- **PROJECT LIMITS:** Muegge Road and Mexico Road intersection.
- **ESTIMATED COST:** \$375,000
- **OUTSIDE FUNDING:** CMAQ
- **SCHEDULE:**

Design:	2013
ROW:	2013
Construction:	2014
- **Note:** Project was recommended in the 2011 Zumbahl & Cave Springs Interchange Feasibility Study.

City of St. Charles Long Range Transportation Plan



City of St. Charles Long Range Transportation Plan

WEST CLAY RECONSTRUCTION (WHITE GATE LN. TO DUCHESNE DR.)

- **GOAL OF PROJECT:** Improve pavement, provide better pedestrian access, and improve traffic flow.
- **PROJECT DESCRIPTION:** Full pavement reconstruction, sidewalk improvements, and signal coordination.
- **PROJECT LIMITS:** West Clay from White Gate Ln. to Duchesne Dr.
- **ESTIMATED COST:** \$3,940,000
- **OUTSIDE FUNDING:** County Road Board
- **SCHEDULE:**

Design:	2013-2014
ROW:	2014
Construction:	2014 - 2015

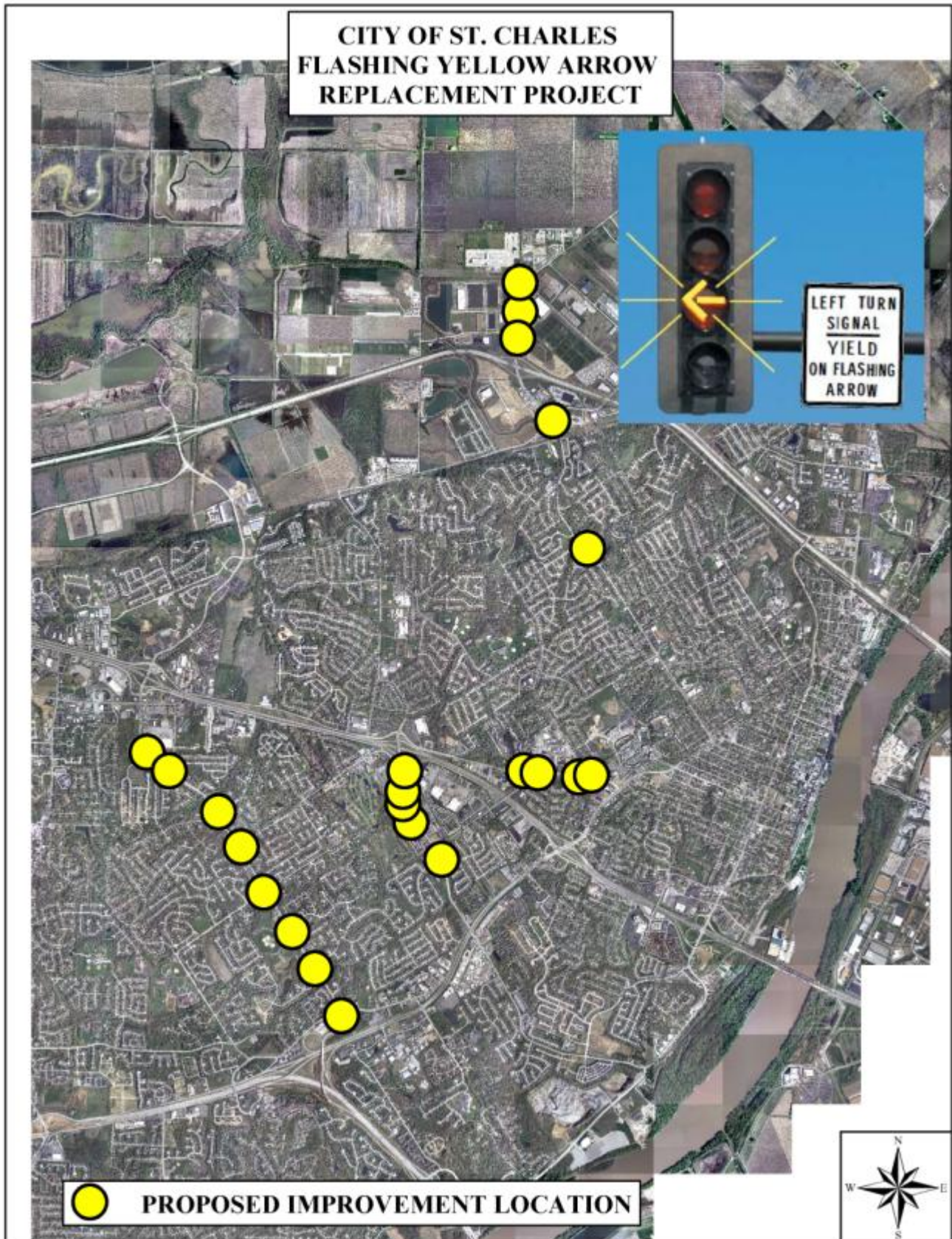
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FLASHING YELLOW ARROW SIGNAL IMPROVEMENTS

- GOAL OF PROJECT: Improve traffic flow.
- PROJECT DESCRIPTION: National studies have demonstrated that the use of Flashing Yellow Left Arrows can reduce crashes from left turning vehicles, and allow for more flexibility of signal timing, leading to an overall safer and more efficient intersection.
- PROJECT LIMITS: City Wide
- ESTIMATED COST: \$300,000
- OUTSIDE FUNDING: CMAQ
- SCHEDULE:

Design:	2013-2014
Construction:	2014



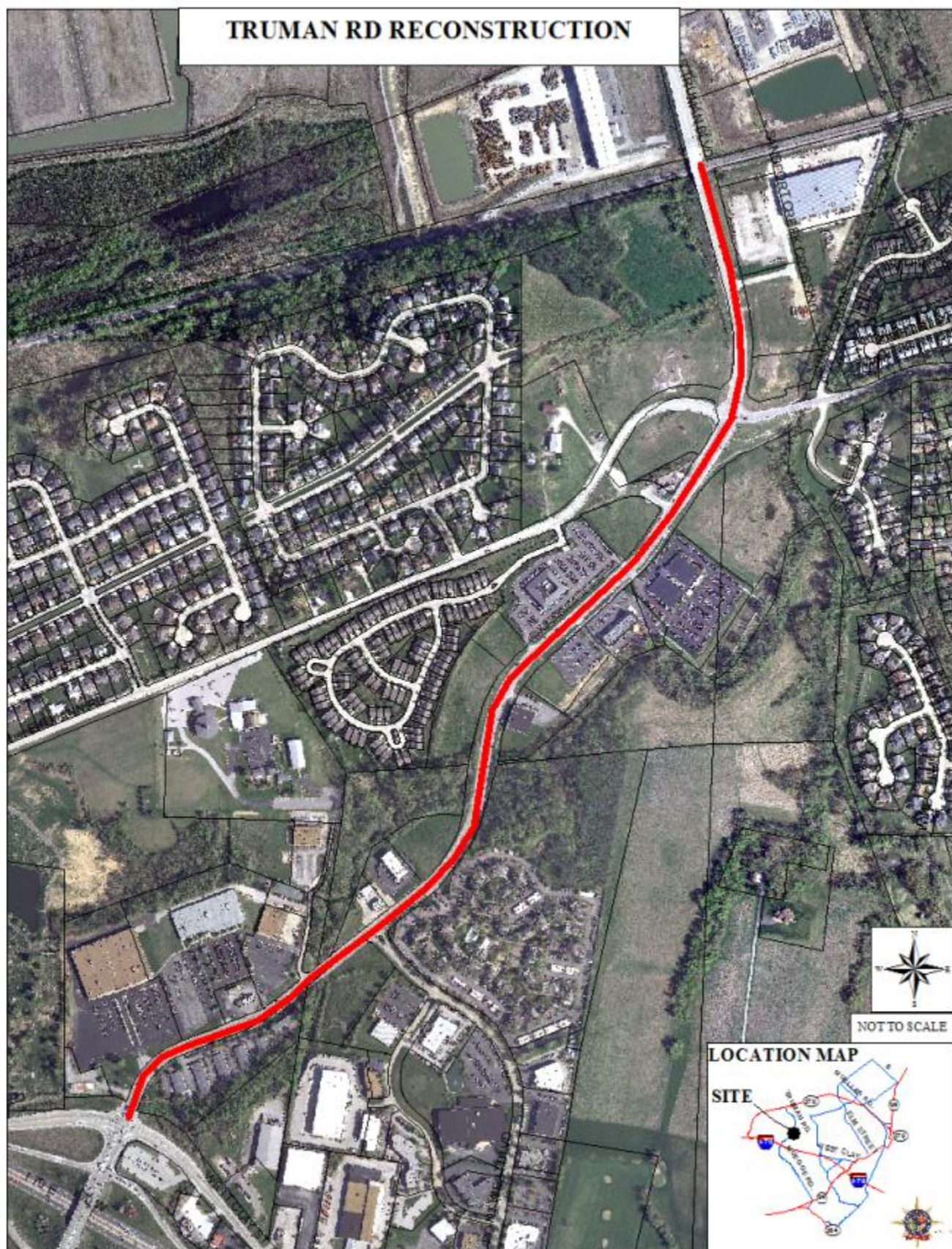
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HARRY S. TRUMAN ROAD RECONSTRUCTION

- **GOAL OF PROJECT:** Improve pavement, provide better pedestrian access, and provide better non-vehicular connectivity.
- **PROJECT DESCRIPTION:** Full pavement reconstruction, sidewalk improvements, and a multi use path.
- **PROJECT LIMITS:** Harry S. Truman Rd. from West Clay to the Norfolk Southern Railroad bridge.
- **ESTIMATED COST:** \$5,100,000
- **OUTSIDE FUNDING:** County Road Board, Required to request Federal STP
- **SCHEDULE:**

Design:	2014
ROW:	2015
Construction:	2016

City of St. Charles Long Range Transportation Plan



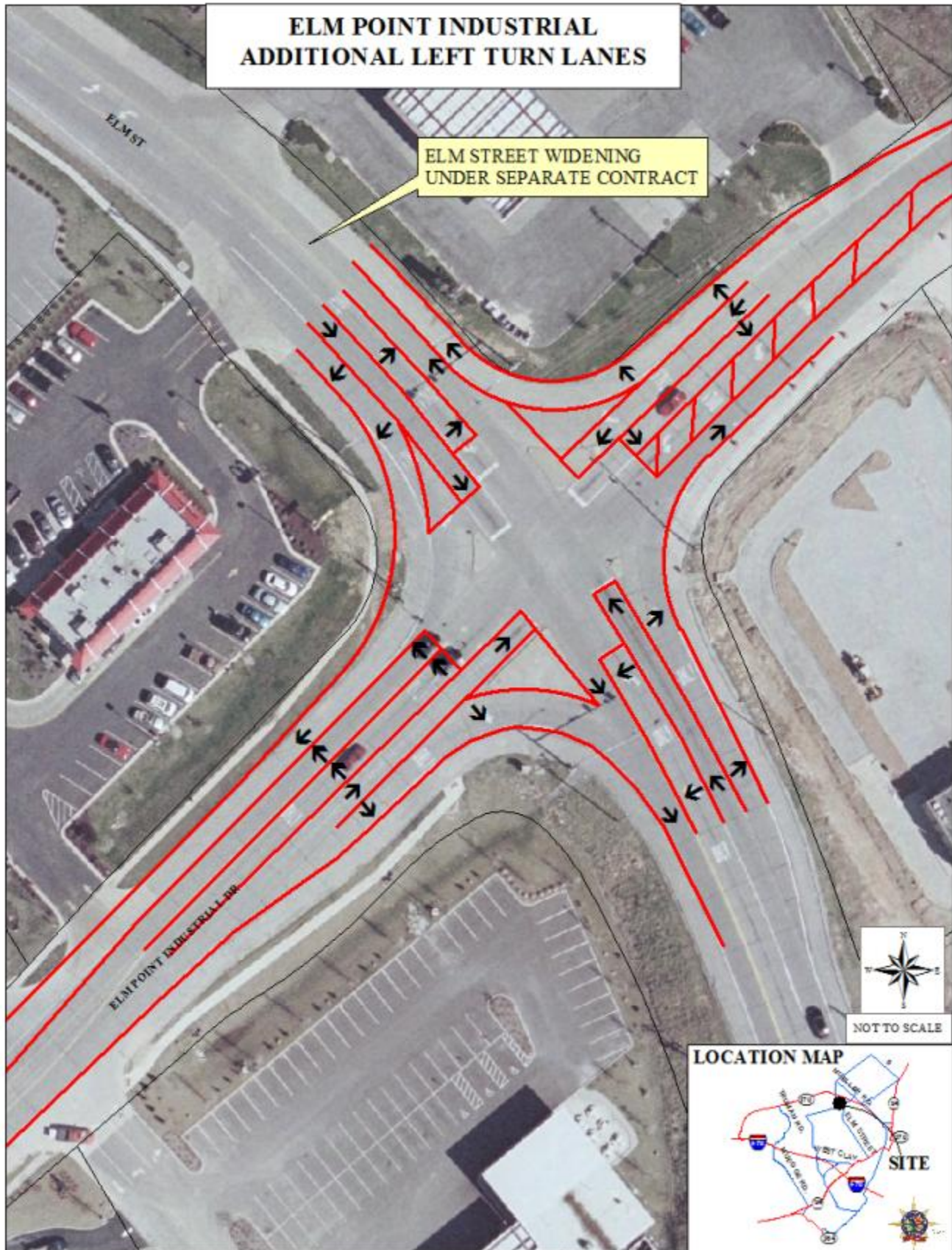
City of St. Charles Long Range Transportation Plan

ELM POINT INDUSTRIAL DRIVE ADDITIONAL LEFT TURN LANES

- GOAL OF PROJECT: Improve traffic flow
- PROJECT DESCRIPTION: Additional turn lanes will be required at the intersection if Elm Point Industrial Road connects to Truman Blvd. and upon Walsh Ct. extension to New Town.
- PROJECT LIMITS: Intersection of Elm Point Industrial Dr and Elm St.
- ESTIMATED COST: \$235,000
- OUTSIDE FUNDING: Requesting Federal CMAQ
- SCHEDULE:

Design:	2013
ROW:	2013-2014
Construction:	2014

City of St. Charles Long Range Transportation Plan



PROJECTED PROJECTS IN CIP 2014-2019



City of St. Charles Long Range Transportation Plan

NEW TOWN BLVD MEDIAN

- GOAL OF PROJECT: Add curbing to the islands in the middle of the roadway and replant grass.
- PROJECT DESCRIPTION: Constructed raised islands along the center median of New Town Blvd. The County Road Board agreement did not permit the installation of curbs around the portions of the center lane on New Town Blvd. that are unpaved. From the time the road has been open to traffic, vehicles have been driving through the grass medians causing ruts and tracking dirt onto the roadway.
- PROJECT LIMITS: Islands along New Town Blvd.
- ESTIMATED COST: \$135,000
- OUTSIDE FUNDING: Unknown
- SCHEDULE: Design: **2016**
Construction: **2016**
- Note: Project was recommended by CM Hermann and was requested in the 2014-2019 CIP as Future Consideration. **Staff recommends adding the project to the 2015-2020 CIP.**



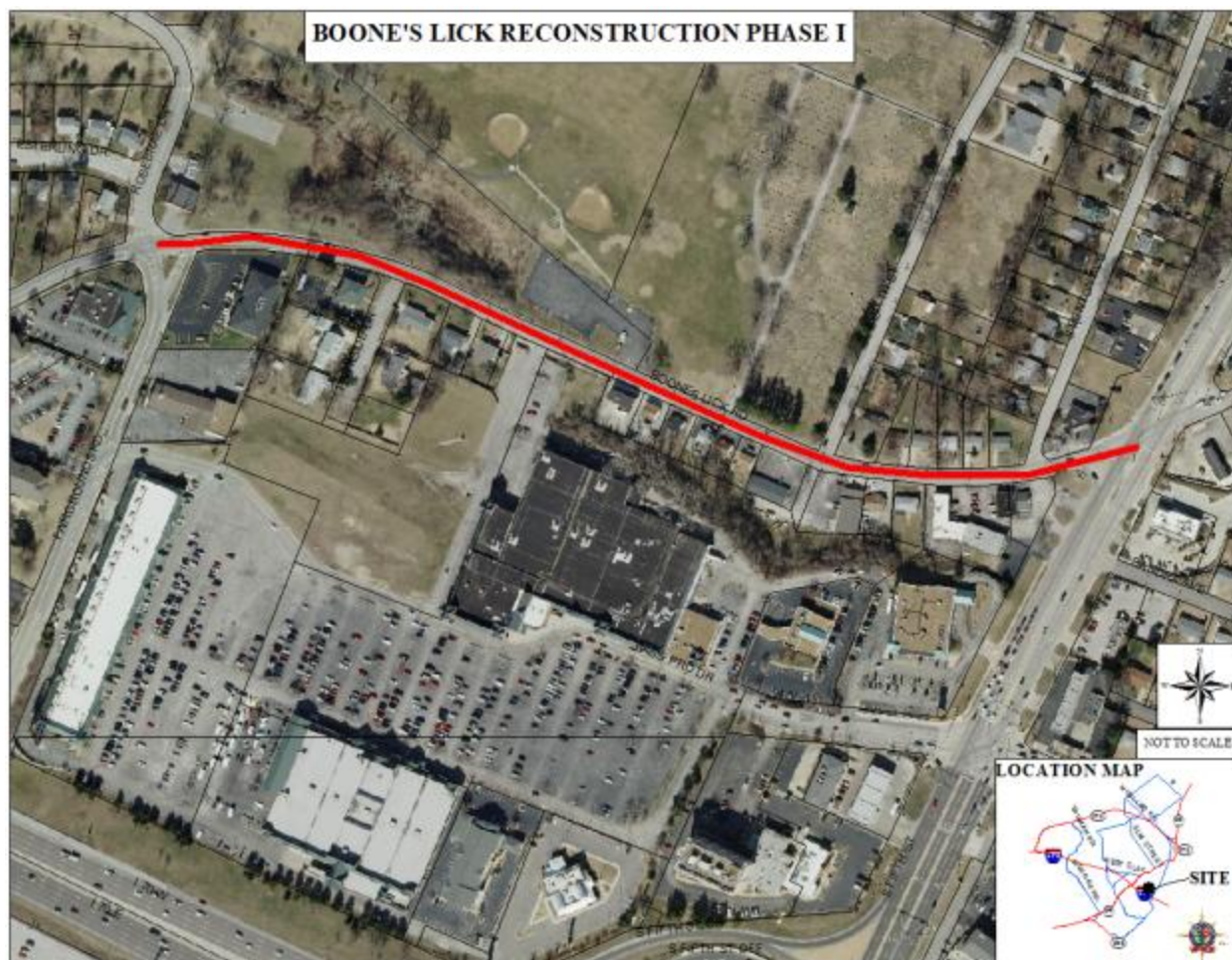
City of St. Charles Long Range Transportation Plan

BOONE'S LICK ROAD RECONSTRUCTION (PHASE I)

- **GOAL OF PROJECT:** Reconstruct the pavement, add and upgrade sidewalks to ADA standards and connect bicycle facilities.
- **PROJECT DESCRIPTION:** The existing 2 to 3 lane asphalt street has been milled and overlaid several times and is nearing the end of its life cycle. The section of road is approximately 2,200 feet in length. Recent projects have improved the section of Boone's Lick from S. Main St to Fifth St, and from the roundabout to Hwy 94. Improvements will include reconstructing the pavement, adding pedestrian facilities, improve the water main, and improve access through the corridor.
- **PROJECT LIMITS:** Fifth Street to Fairgrounds Rd.
- **ESTIMATED COST:** \$4,500,000
- **OUTSIDE FUNDING:** Unknown
- **SCHEDULE:**

Design:	Future
ROW:	Future
Construction:	Future
- **Note:** **The revision separates the project into two phases.** Improvements to the water main recommended in the Water Master Plan will occur simultaneously with this project.

City of St. Charles Long Range Transportation Plan



City of St. Charles Long Range Transportation Plan

BOONE'S LICK ROAD RECONSTRUCTION (PHASE II)

- **GOAL OF PROJECT:** Reconstruct the pavement, add and upgrade sidewalks to ADA standards and connect bicycle facilities.
- **PROJECT DESCRIPTION:** The existing 2 to 3 lane asphalt street has been milled and overlaid several times and is nearing the end of its life cycle. The section of road is approximately 4,000 feet in length. Recent projects have improved the section of Boone's Lick from S. Main St to Fifth St, and from the roundabout to Hwy 94. Improvements will include reconstructing the pavement, adding pedestrian facilities, improve the water main, and improve access through the corridor.
- **PROJECT LIMITS:** Fairgrounds Rd. to Roundabout
- **ESTIMATED COST:** \$4,500,000
- **OUTSIDE FUNDING:** Unknown
- **SCHEDULE:**

Design:	Future
ROW:	Future
Construction:	Future
- **Note:** **The revision separates the project into two phases. Staff recommends adding funds for conceptual design to the 2015-2020 CIP.** Improvements to the water main recommended in the Water Master Plan will occur simultaneously with this project.

City of St. Charles Long Range Transportation Plan



City of St. Charles Long Range Transportation Plan

FRIEDENS ROAD/ FAIRGROUNDS SIGNALIZATION

- **GOAL OF PROJECT:** Improve safety and traffic movement. Signal was originally required to be completed as 50/50 cost share by Foresight Development as part of Talbridge. The commercial property at Talbridge is being rezoned to single family residential and the reduced use does not warrant the installation of a signal.
- **PROJECT DESCRIPTION:** Install traffic signals at the intersection of Friedens Rd and Fairgrounds Rd.
- **PROJECT LIMITS:** Intersection of Friedens/Fairgrounds
- **ESTIMATED COST:** \$62,500 (City Portion)
- **OUTSIDE FUNDING:** Unknown
- **SCHEDULE:**

Design:	Future
ROW:	Future
Construction:	Future
- **Note:** Project was to be completed if warranted by future development. The development no longer warrants a signal at the intersection. **Staff requests adding the signal to the South Fairgrounds Phase II project.**

City of St. Charles Long Range Transportation Plan



City of St. Charles Long Range Transportation Plan

SOUTH FAIRGROUNDS (PHASE II STUDY)

- **GOAL OF PROJECT:** Determine if the roadway extension improvements can be used to reduce the flooding risk in the Southern Oaks Development.
- **PROJECT DESCRIPTION:** Connecting the existing sections of Fairgrounds Road requires crossing Crystal Creek. The Southern Oaks development experiences flooding due to Crystal Creek. The residents of the subdivision are more likely to accept the roadway improvement if the creek crossing could be used to reduce the flood risk to the properties.
- **PROJECT LIMITS:** Becky to Sherbrooke
- **ESTIMATED COST:** \$150,000
- **OUTSIDE FUNDING:** Unknown
- **SCHEDULE:** Study: **2015**
- **Note:** **Staff recommends conducting a feasibility study in 2015.**



City of St. Charles Long Range Transportation Plan

SOUTH FAIRGROUNDS PHASE II

- GOAL OF PROJECT: Road extension to improve traffic flow.
- PROJECT DESCRIPTION: Phase II is the final section of Fairgrounds road south of I-70. Phase I is adjacent to the Convention Center, Phase III is part of Talbridge development, and both are open for traffic. This phase will provide a connection from Friedens Road to the Convention Center and Mark Twain Mall. Improvements may include the installation of signals at the Fairgrounds/Friedens intersection.
- PROJECT LIMITS: Becky to Sherbrooke and Friedens Intersection
- ESTIMATED COST: \$5,500,000
- OUTSIDE FUNDING: Unknown
- SCHEDULE:

Design:	Future
ROW:	Future
Construction:	Future
- Note: **Staff recommends adding the installation of signals to this project if warranted.** See Notes on Friedens/Fairgrounds Signal Project.



City of St. Charles Long Range Transportation Plan

SKINNER INDUSTRIAL REALIGNMENT

- **GOAL OF PROJECT:** Improve safety and traffic flow at the offset intersection.
- **PROJECT DESCRIPTION:** The project will construct a northern approach at New Town Blvd. and Mueller Rd. Skinner Industrial Dr. will be reconstructed to tie into the new approach. The relocation of this approach will improve safety and traffic flow by aligning the two closely spaced intersections into one signalized intersection. The project will include roadway improvements, culvert construction, and signal improvements.
- **PROJECT LIMITS:** Intersection of New Town Blvd, Mueller Rd., and Skinner Industrial Dr.
- **ESTIMATED COST:** \$785,000
- **OUTSIDE FUNDING:** Unknown
- **SCHEDULE:**

Design:	2020
ROW:	2021
Construction:	2022
- **Note:** Project was recommended by CM Hermann and was requested in the 2014-2019 CIP as Future Consideration. **Staff recommends adding the design phase of the project to the 2015-2020 CIP.**

City of St. Charles Long Range Transportation Plan



ELM POINT RD WIDENING

- GOAL OF PROJECT: Improve safety through the corridor.
- PROJECT DESCRIPTION: The project will construct shoulders and add new guardrail along Elm Point Road from Old Elm to Lancaster Dr. The project area was identified as a high accident location due to several tight curves. The addition of shoulders and guardrail will improve safety along the route.
- PROJECT LIMITS: Old Elm to Lancaster Dr.
- ESTIMATED COST: \$492,000
- OUTSIDE FUNDING: Unknown
- SCHEDULE:

Design:	2020
ROW:	2021
Construction:	2022
- Note: Project was recommended by CM Hermann and was requested in the 2014-2019 CIP as Future Consideration. **Staff recommends adding the design phase of the project to the 2015-2020 CIP.**

City of St. Charles Long Range Transportation Plan



City of St. Charles Long Range Transportation Plan

CUNNINGHAM CONNECTION

- GOAL OF PROJECT: Connect the new Cunningham dead-end to West Clay.
- PROJECT DESCRIPTION: The project will construct a roadway with a sidewalk from Cunningham Ave. to West Clay St. Cunningham Ave. was dead ended by the West Clay Extension project. The establishment of the access point will give greater mobility to the neighboring residents.
- PROJECT LIMITS: Intersection of Cunningham and West Clay
- ESTIMATED COST: \$1,470,000
- OUTSIDE FUNDING: Unknown
- SCHEDULE:

Design:	Future
ROW:	Future
Construction:	Future
- Note: **Project was recommended by CM Besselman and was requested in the 2014-2019 CIP as Future Consideration.** The vertical alignment of Phase 2 of the West Clay Extension project will determine if this project is feasible. The cost estimate and feasibility for the connection is for the lower vertical profile option.

City of St. Charles Long Range Transportation Plan



City of St. Charles Long Range Transportation Plan

DROSTE ROAD RECONSTRUCTION

- GOAL OF PROJECT: Reconstruct and improve access through the corridor.
- PROJECT DESCRIPTION: Reconstruct Droste Rd., remove overhead utilities from corridor, construct an 8' shared use path, and remove driveways from Droste by constructing a parallel alley behind the Lindenwood owned residential properties.
- PROJECT LIMITS: Duchesne Rd. to north of Charbo St.
- ESTIMATED COST: \$3,800,000
- OUTSIDE FUNDING: Unknown, Potential County Road Board
- SCHEDULE:

Design:	2014
ROW:	2015
Construction:	2016
- NOTE: **Staff recommends adding the reconstruction project to the 2015-2020 CIP pending receipt of outside funding through the County Road Board and/or East-West Gateway.**



City of St. Charles Long Range Transportation Plan

DROSTE/WEST CLAY INTERSECTION REALIGNMENT

- **GOAL OF PROJECT:** Realign the intersection of West Clay St. and Droste Rd. to improve safety and traffic movement.
- **PROJECT DESCRIPTION:** Realign the intersection to connect to the proposed Droste Extension Project. The improvements would connect Chargene Dr. to the Droste Rd. Extension illuminating one of the signs in the area.
- **PROJECT LIMITS:** Intersections of Droste Rd. and Chargene Dr. with West Clay St.
- **ESTIMATED COST:** \$3,500,000
- **OUTSIDE FUNDING:** Unknown, Potential County Road Board
- **SCHEDULE:**

Design:	2015
ROW:	2016
Construction:	2017
- **NOTE:** **Staff recommends adding the project to the 2015-2020 CIP pending receipt of outside funding through the County Road Board and/or East-West Gateway.**

City of St. Charles Long Range Transportation Plan



City of St. Charles Long Range Transportation Plan

WEST CLAY RECONSTRUCTION (DUCHESNE DR. TO EAST OF DROSTE RD.)

- GOAL OF PROJECT: Improve pavement, provide better pedestrian access, streetscape enhancements, and improve traffic flow.
- PROJECT DESCRIPTION: Full pavement reconstruction, sidewalk improvements, undergrounding overhead utilities, add street lighting and enhancements, bike lanes, and signal coordination.
- PROJECT LIMITS: West Clay from Duchesne Dr. to East of Droste Rd.
- ESTIMATED COST: \$3,550,000
- OUTSIDE FUNDING: TBD
- SCHEDULE:

Design:	Future
ROW:	Future
Construction:	Future
- NOTE: **Staff recommends adding funds for conceptual design to the 2015-2020 CIP. Additionally, staff recommends applying for outside funding to through the County Road Board and/or East-West Gateway.**

City of St. Charles Long Range Transportation Plan



CHATEAU COUNTRY CLUB STREET RECONSTRUCTION

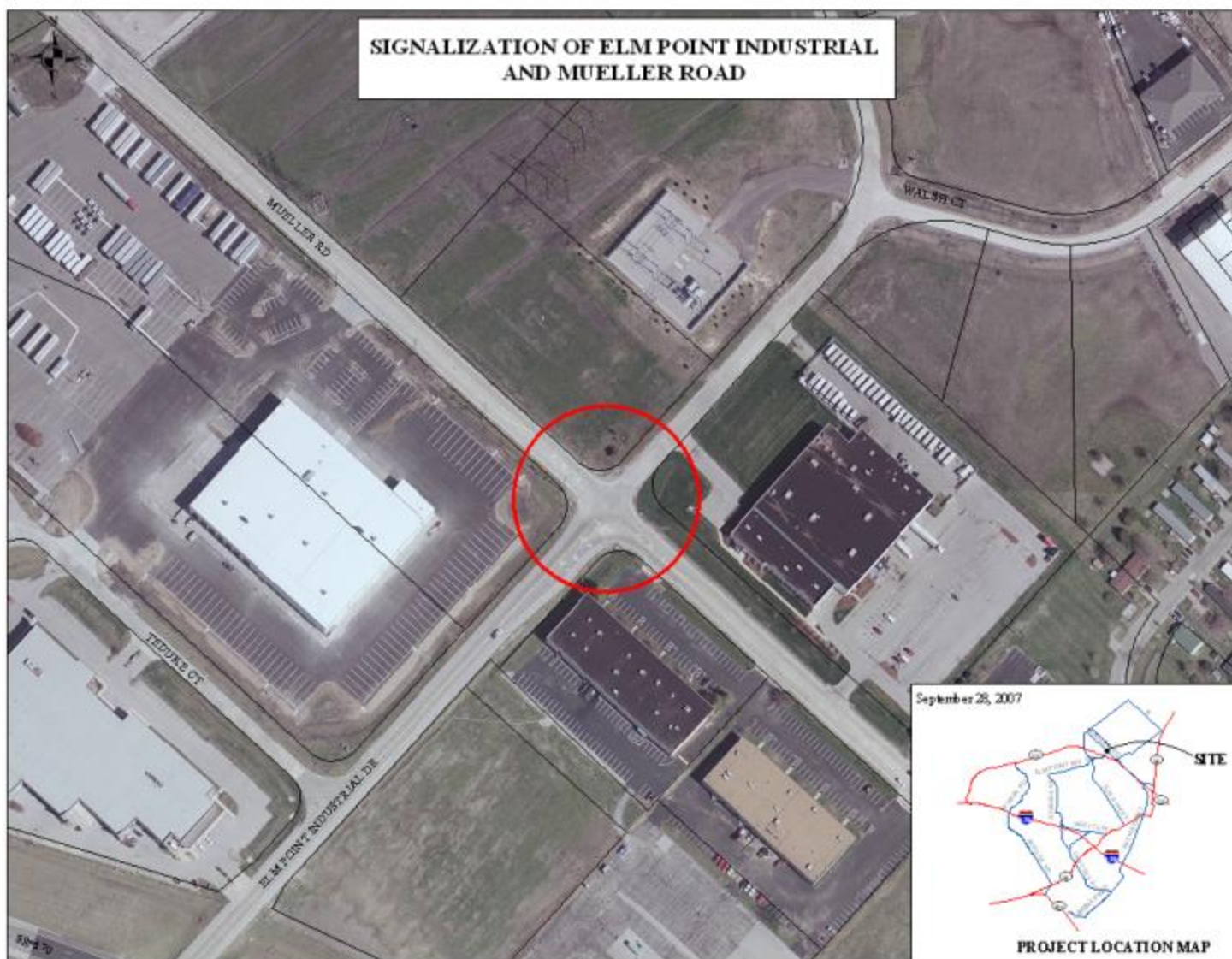
- **GOAL OF PROJECT:** Reconstruct streets in Chateau Country Club Subdivision.
- **PROJECT DESCRIPTION:** Reconstruction of failing streets within Chateau Country Club Subdivision including adding sidewalks on one side of the road. Project cost anticipates donation of necessary right-of-way & easements from adjacent property owners.
- **PROJECT LIMITS:** Chateau Country Club Subdivision Streets
- **ESTIMATED COST:** \$440,000
- **SCHEDULE:**

Design:	2016 – CIP
ROW:	2016 – CIP
Construction:	2016 & 2017 – CIP

ELM POINT INDUSTRIAL AND MUELLER RD SIGNALIZATION

- GOAL OF PROJECT: Improve safety and traffic movement.
- PROJECT DESCRIPTION: Installation of traffic signals and possible turn lanes at the intersection of Elm Point Industrial Drive and Mueller Road
- PROJECT LIMITS: Intersection of Elm Point Industrial Drive and Mueller Road
- ESTIMATED COST: \$250,000
- OUTSIDE FUNDING: Unknown
- SCHEDULE:

Design:	2015
ROW:	2015
Construction:	2016

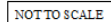


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COMPREHENSIVE CURB & GUTTER PROGRAM

- **GOAL OF PROJECT:** Improve roadway integrity and stormwater management.
- **PROJECT DESCRIPTION:** Project will include creating a curb condition inventory for the City and identify areas where curb & gutters or other measures are needed along roadways to improve drainage and recued/prevent flooding of properties from roadway run-off
- **PROJECT LIMITS:** City Wide
- **ESTIMATED COST:** \$100,000 (Condition Inventory)
\$250,000/yr (Improvements)
- **OUTSIDE FUNDING:** N/A
- **SCHEDULE:** Design: 2015
Construction: 2016 – On-going
- **Note:** This project was originally requested by CM Ohms and CM Bessleman based on resident concerns in Wards 1 & 2. Project will include North Frenchtown Sidewalks and 300 Block of Randolph.

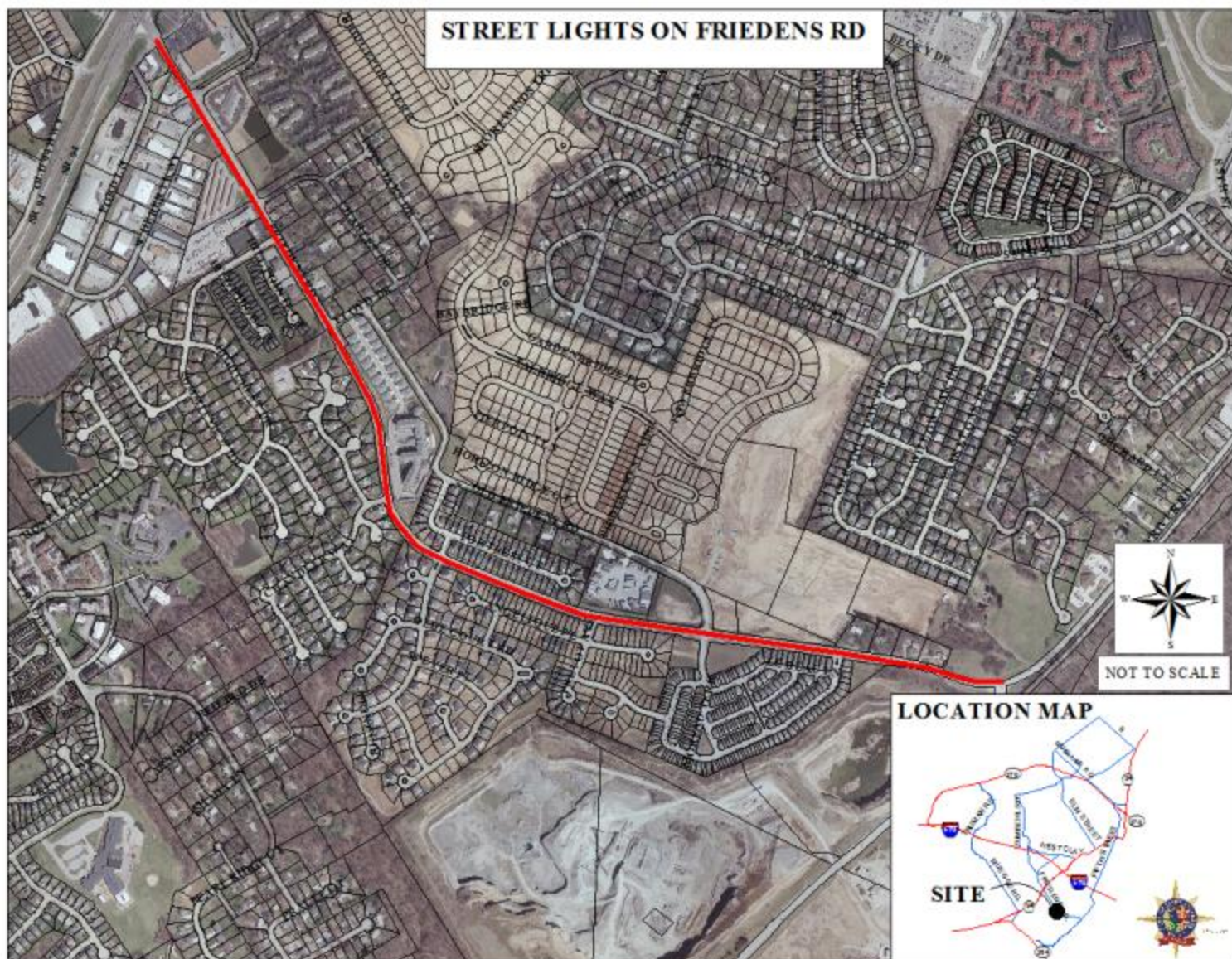
COMPREHENSIVE CURB & GUTTER PROGRAM



STREET LIGHTS FOR FRIEDENS ROAD – SOUTH RIVER ROAD

- GOAL OF PROJECT: Improve safety with the addition of street lighting.
- PROJECT DESCRIPTION: The addition of street lights along Friedens Road will improve the safety of the roadway.
- PROJECT LIMITS: South River Road to Hwy 94
- ESTIMATED COST: \$450,000
- OUTSIDE FUNDING: Unknown
- SCHEDULE:

Design:	2017
ROW:	N/A
Construction:	2017-2019



City of St. Charles Long Range Transportation Plan

NORTH 5TH STREET/ LITTLE HILLS EXPWY SIGNALIZATION

- GOAL OF PROJECT: Improve Safety and traffic movement
- PROJECT DESCRIPTION: Installation of signals and a possible turn lane at the intersection of Mel Wetter Pkwy and Little Hills Expwy. The turn lane would go from westbound Little Hills Expwy to Mel Wetter Pkwy.
- PROJECT LIMITS: The intersection of Mel Wetter Pkwy and Little Hills Expwy
- ESTIMATED COST: \$310,000
- OUTSIDE FUNDING: Unknown
- SCHEDULE:

Design:	2014
ROW:	2014
Construction:	2015

City of St. Charles Long Range Transportation Plan



COUNTRY CLUB ROAD STREET LIGHTING

- GOAL OF PROJECT: Improve the lighting along Country Club Road.
- PROJECT DESCRIPTION: Add Street Lighting to County Club Road.
- PROJECT LIMITS: Sundays Ct. to Muegge Rd.
- ESTIMATED COST: \$120,000
- OUTSIDE FUNDING: Unknown
- SCHEDULE:

Design:	2016
ROW:	2016
Construction:	2016

City of St. Charles Long Range Transportation Plan



City of St. Charles Long Range Transportation Plan

BOSCHERTOWN ROAD PHASE II

- **GOAL OF PROJECT:** Rehabilitate the existing pavement and improve the traffic flow.
- **PROJECT DESCRIPTION:** Rehabilitate the existing pavement, include turn lanes, drainage improvements, and widen the roadway shoulders.
- **PROJECT LIMITS:** Boschertown Road from Hecker St. to Hwy B
- **ESTIMATED COST:** \$1,600,000 (Phase II Construction)
- **OUTSIDE FUNDING:** County Road Board – Phase I agreement requires Phase II to be constructed by December 31, 2017. Requesting Federal STP
- **SCHEDULE:**

Design:	2014-2015
ROW:	2015-2016
Construction:	2016-2017
- **Note:** Originally, the route was to be realigned to facilitate the New Town development. With the required timeline by the County Road Board and lack of development in New Town, the City will rehabilitate the existing roadway along the current alignment.



VETERANS MEMORIAL AND REGENCY PARKWAY SIGNALIZATION

- GOAL OF PROJECT: Improve safety and traffic movement.
- PROJECT DESCRIPTION: Installation of traffic signals at the intersection of Veterans Memorial Parkway and Regency Parkway and a right turn lane from eastbound Veterans Memorial Parkway onto southbound Regency Parkway.
- PROJECT LIMITS: Intersection of Veterans Memorial Parkway and Regency Parkway
- ESTIMATED COST: \$330,000
- OUTSIDE FUNDING: Unknown
- SCHEDULE:

Design:	2018
ROW:	2018
Construction:	2019

City of St. Charles Long Range Transportation Plan



FUTURE PROJECTS



City of St. Charles Long Range Transportation Plan

SCAT SYSTEM IMPROVEMENTS

- **GOAL OF PROJECT:** To improve the service, convenience, benefits, and ridership of the City's transit system in order to achieve a cost neutral operation.
- **PROJECT DESCRIPTION:** Construction of a Multi-Modal Transportation Center to serve as a central hub for the SCAT system, construction of bus shelters, modify system operations to expand hours and services, establish necessary supervisory control, adjust fare structures, enhanced advertisement of SCAT, establishment of operational partnerships (METERO, LU, etc.), environmental sustainability improvements.
- **PROJECT LIMITS:** TBD
- **ESTIMATED COST:** \$3,800,000
- **OUTSIDE FUNDING:** TBD
- **SCHEDULE:**

Design:	Future
ROW:	Future
Construction:	Future
- **Note:** Project was developed in the Tiger 3 St. Charles Gateways Application.



City of St. Charles Long Range Transportation Plan

1ST CAPITOL CORRIDOR KINGSHIGHWAY TO RIVERSIDE DRIVE

GOAL OF PROJECT: Enhance corridor, create pedestrian oriented streetscape and spur economic redevelopment in the newly created Hospital Overlay District.

PROJECT DESCRIPTION: Pavement rehabilitation, streetscape improvements, burying overhead utilities, tree lawns, widen sidewalks, landscaping.

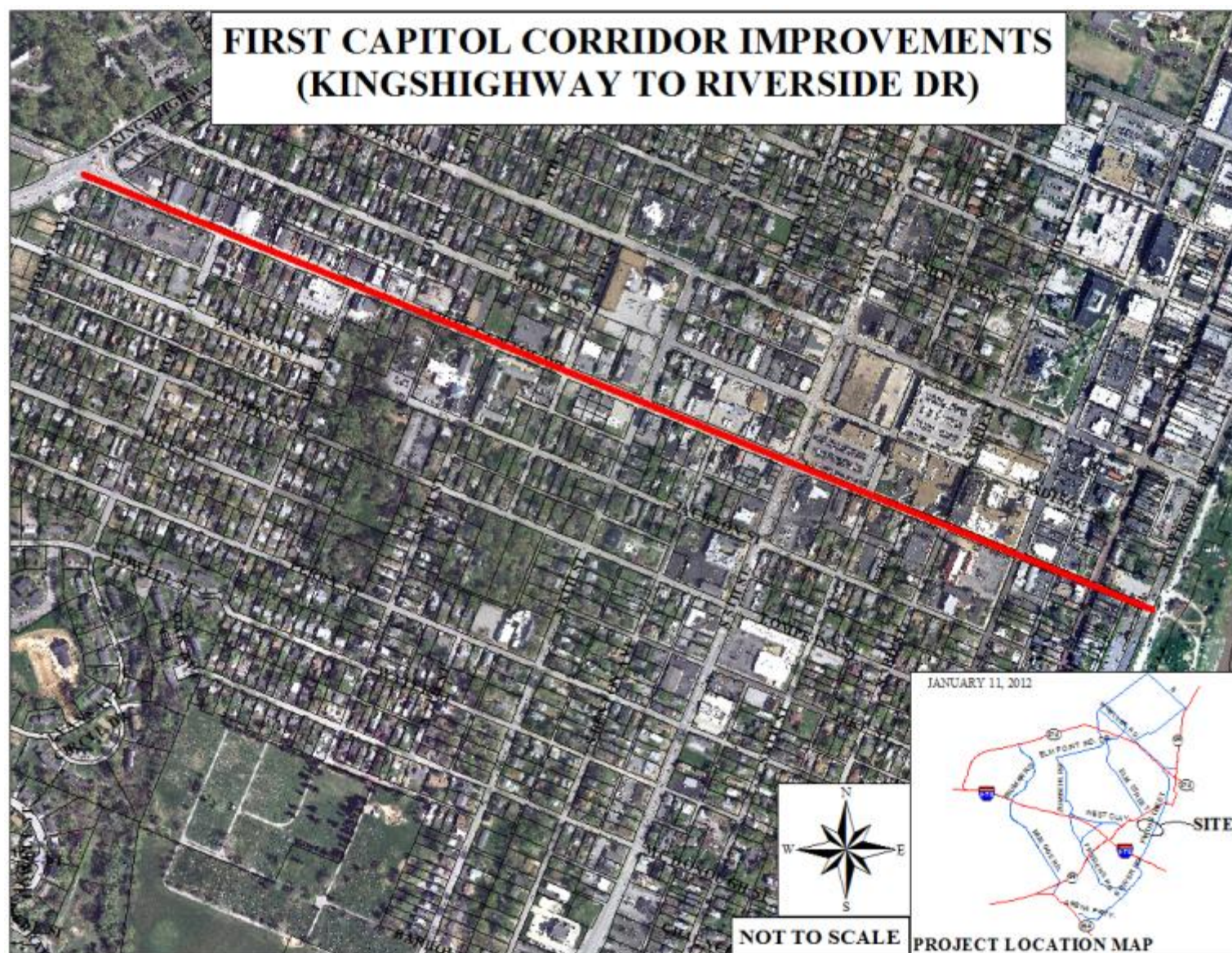
PROJECT LIMITS: Kingshighway to Riverside Drive

ESTIMATED COST: \$6,490,000

OUTSIDE FUNDING: TBD

SCHEDULE: Design: Future
ROW: Future
Construction: Future

Note: Project was developed in the 2011 Tiger 3 grant.



City of St. Charles Long Range Transportation Plan

DROSTE ROAD EXTENSION

GOAL OF PROJECT: New Road to alleviate congestion at West Clay and First Capitol Intersection

PROJECT DESCRIPTION: Extend a new 2 to 3 lane road from the intersection of West Clay and Droste to the MoDOT improvements at I-70/Hwy 94/Boone's Lick Road.

PROJECT LIMITS: West Clay to Hwy 94/Boone's Lick Road

ESTIMATED COST: \$300,000 for design
\$14 Million for right of way and construction

OUTSIDE FUNDING: None

SCHEDULE: Design: Future
ROW: Future
Construction: Future

Note: Project to be completed as part of future development.

City of St. Charles Long Range Transportation Plan



City of St. Charles Long Range Transportation Plan

DUCHESNE RECONSTRUCTION (WEST CLAY ST. TO DROSTE RD.)

GOAL OF PROJECT: Reconstruct the pavement on Duchesne Dr.

PROJECT DESCRIPTION: Full pavement reconstruction, sidewalk improvements, undergrounding overhead utilities, add street lighting and enhancements, bike lanes, and signal coordination.

PROJECT LIMITS: Duchesne Dr. from West Clay to Droste Rd.

ESTIMATED COST: \$3,050,000

OUTSIDE FUNDING: TBD

SCHEDULE:	Design:	Future
	ROW:	Future
	Construction:	Future

City of St. Charles Long Range Transportation Plan



City of St. Charles Long Range Transportation Plan

HUSTER ROAD RECONSTRUCTION

GOAL OF PROJECT:	Improve safety by repairing a failed roadway	
PROJECT DESCRIPTION:	Partial reconstruction of Huster Road north of 370 due to severe longitudinal cracks. Improvements include a shoulder and improving roadway drainage.	
PROJECT LIMITS:	Huster Rd north of Hwy 370 to Bethman	
ESTIMATED COST:	\$650,000	
OUTSIDE FUNDING:	Unknown	
SCHEDULE:	Design:	Future
	ROW:	Future
	Construction:	Future



City of St. Charles Long Range Transportation Plan

NORTH FAIRGROUNDS (PHASE III)

GOAL OF PROJECT:	Arterial Road Connection to reduce congestion and improve traffic distribution.	
PROJECT DESCRIPTION:	As part of the Fairgrounds Extension from First Capitol to Boone's Lick, the proposed road will be 2 to 5 lanes wide depending upon adjacent developments. When combined with all phases of Fairgrounds Road, this road will offer alternate routes across I-70. The Fairgrounds Road will reduce traffic at the I-70/First Capitol (Hwy 94) and I-70/First Capitol (Hwy 94) and I-70/Fifth Street intersections.	
PROJECT LIMITS:	Boone Ave to Boone's Lick	
ESTIMATED COST:	\$14,500,000	
OUTSIDE FUNDING:	Unknown	
SCHEDULE:	Design:	30% Complete
	ROW:	Future
	Construction:	Future



City of St. Charles Long Range Transportation Plan

INTERCHANGE ENHANCEMENTS (FIRST CAPITOL AND I-70)

GOAL OF PROJECT: Enhance the look of the First Capitol overpass to create an entrance to the city.

PROJECT DESCRIPTION: The overpass was constructed by MoDOT and the medians have not been filled. This project would create an entrance into the city.

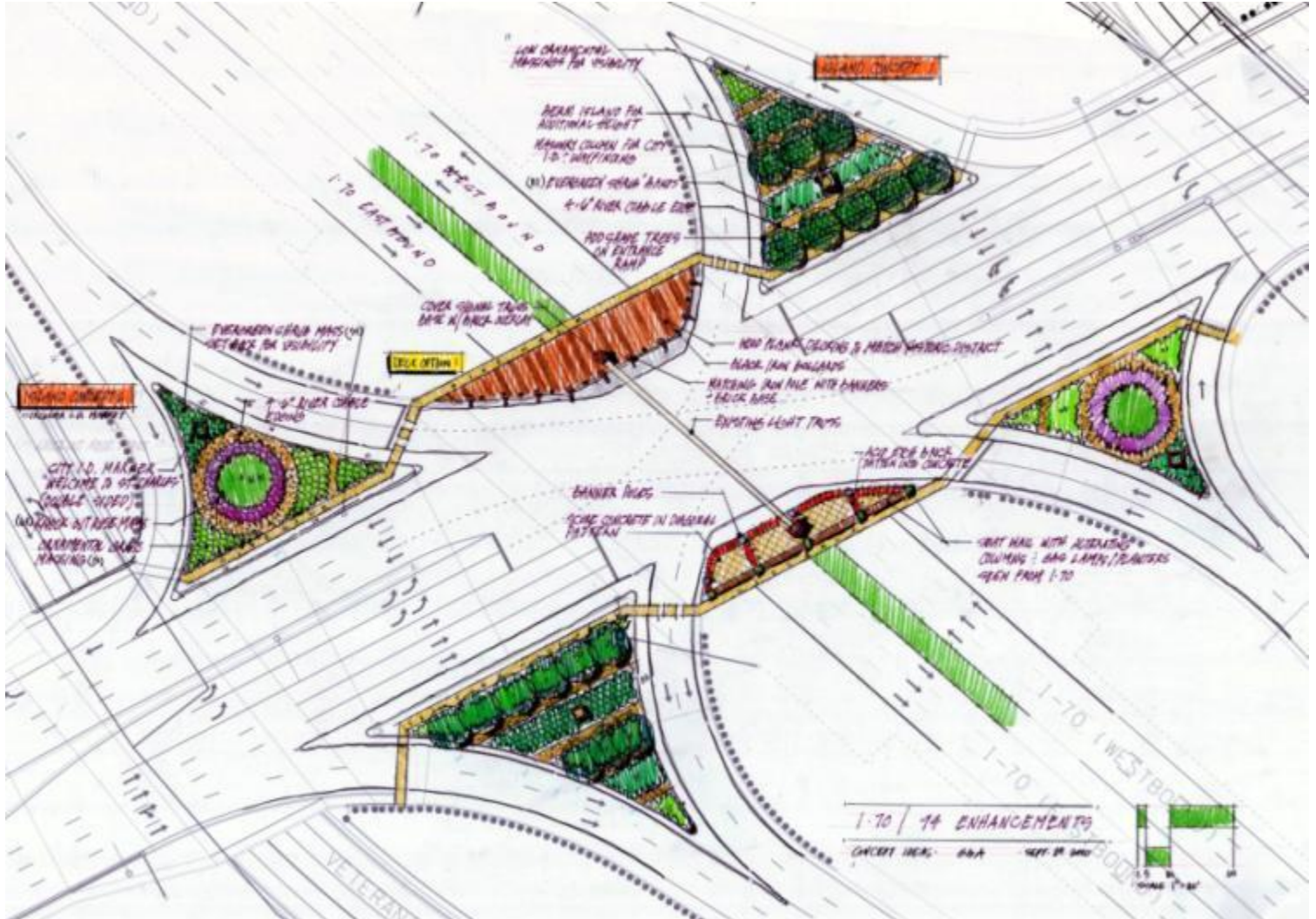
PROJECT LIMITS: The medians on the First Capitol overpass over I-70.

ESTIMATED COST: \$250,000

OUTSIDE FUNDING: Unknown

SCHEDULE:	Design:	Future
	ROW:	Future
	Construction:	Future

City of St. Charles Long Range Transportation Plan



City of St. Charles Long Range Transportation Plan

FIRST CAPITOL STREET LIGHTING

GOAL OF PROJECT: Add decorative lighting along First Capitol.

PROJECT DESCRIPTION: The addition of decorative lighting on First Capitol would tie together the I-70 bridge lighting with the lighting at the West Clay intersection and along the front of Lindenwood University.

PROJECT LIMITS: I-70 to West Clay

ESTIMATED COST: Unknown

OUTSIDE FUNDING: Unknown

SCHEDULE:	Design:	Future
	ROW:	Future
	Construction:	Future

City of St. Charles Long Range Transportation Plan



City of St. Charles Long Range Transportation Plan

NORTH 5TH STREET/ 370 INTERCHANGE

GOAL OF PROJECT: Improve traffic flow.

PROJECT DESCRIPTION: Provide better access to 5th Street and Little Hills Expressway from Route 370.

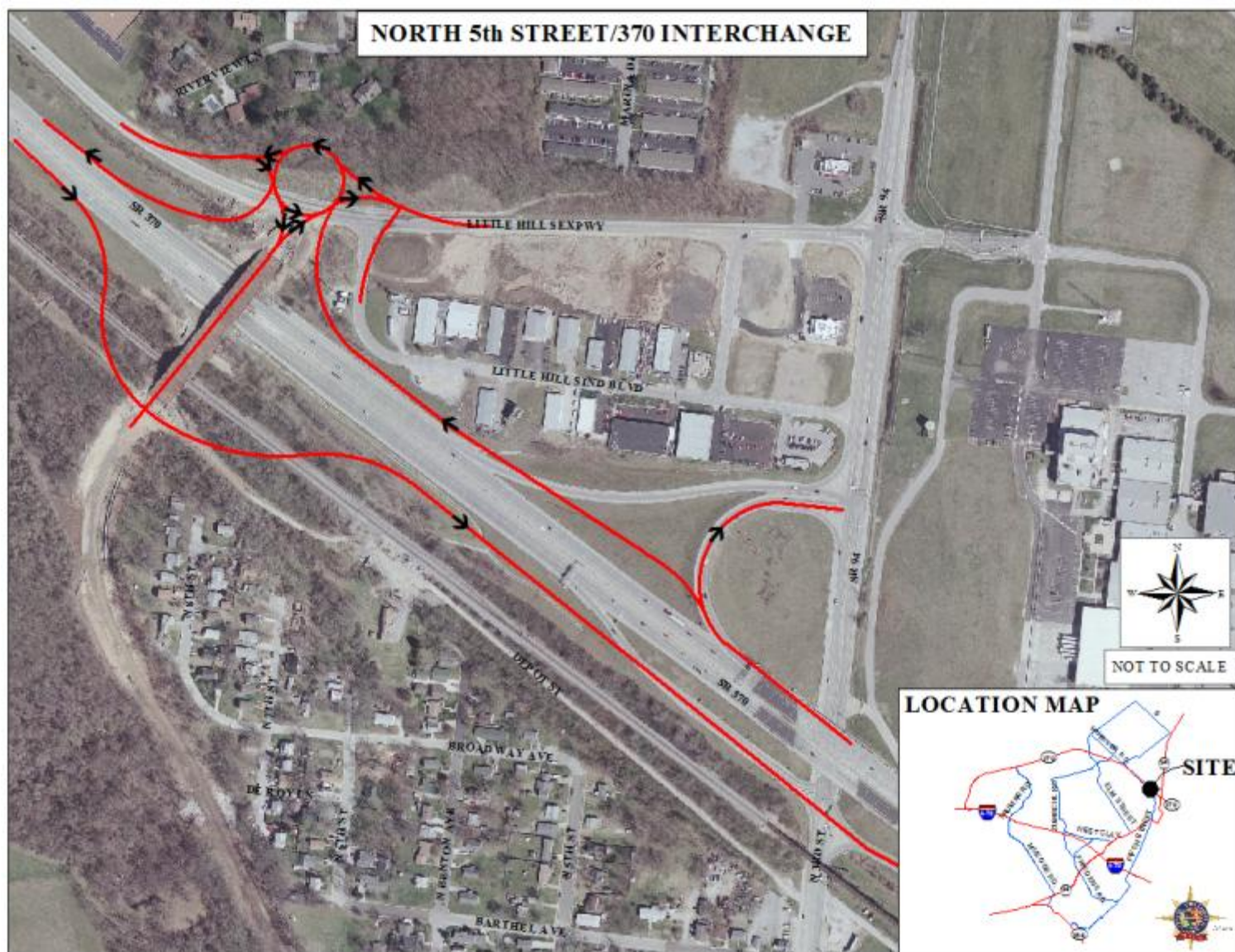
PROJECT LIMITS: Mel Wetter overpass to North 3rd Street and Depot St. to Little Hills Expressway

ESTIMATED COST: Unknown

OUTSIDE FUNDING: Unknown

SCHEDULE:	Design:	Future
	ROW:	Future
	Construction:	Future

City of St. Charles Long Range Transportation Plan



City of St. Charles Long Range Transportation Plan

NORTH HIGHWAY 94 REDEVELOPMENT (NORTH OF HWY 370)

GOAL OF PROJECT: Widening of Road.

PROJECT DESCRIPTION: Improvements to Highway 94 north of Highway 370 to Highway B. MoDOT completed improvements from Little Hills Expressway to Highway B in 2009.

PROJECT LIMITS: Little Hills Expressway to Highway B

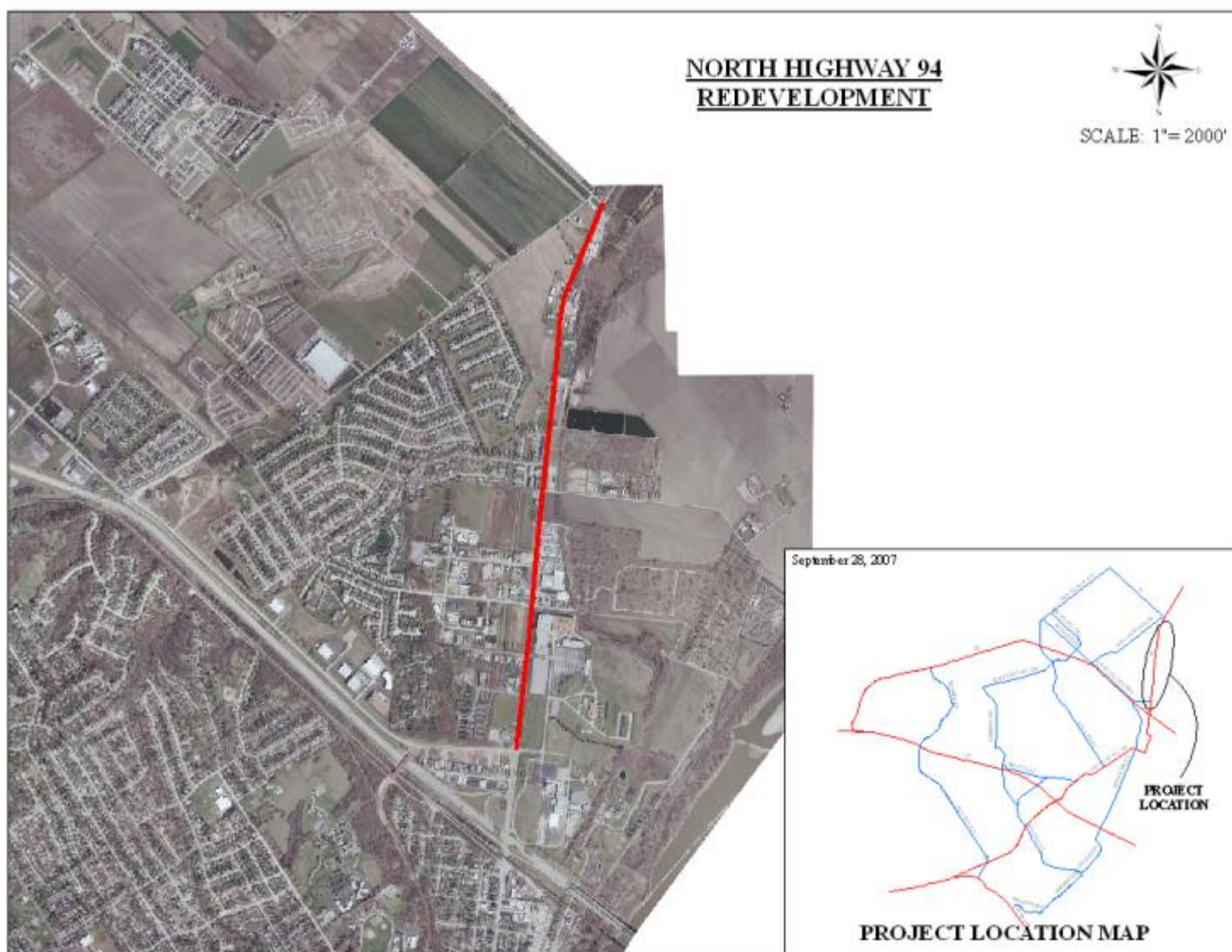
ESTIMATED COST: \$2,200,000

OUTSIDE FUNDING: Unknown

SCHEDULE:

Design:	Future
ROW:	Future
Construction:	Future

City of St. Charles Long Range Transportation Plan

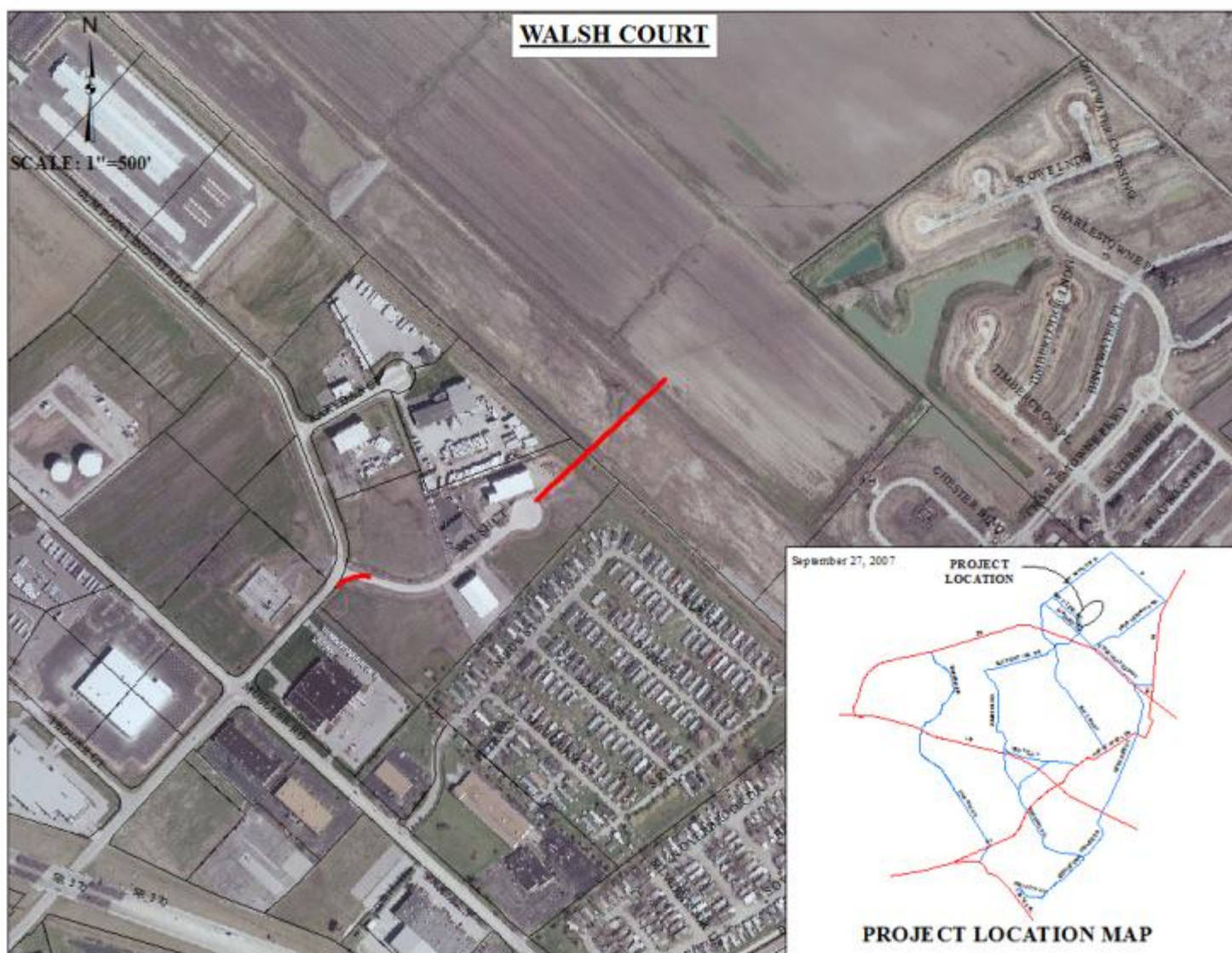


City of St. Charles Long Range Transportation Plan

WALSH COURT

GOAL OF PROJECT:	Road extension for new development as identified in a Traffic Study for New Town.	
PROJECT DESCRIPTION:	Extension of Walsh court to the north for connection to a future arterial in New Town. This project includes realignment of the intersection of Walsh Court and Elm Point Industrial Drive and coordination with MoDOT detention area. Some of the proposed right-of-way for this project was acquired in 2006.	
PROJECT LIMITS:	Elm Point Industrial Drive and extend Walsh Court 2,000 feet north	
ESTIMATED COST:	Unknown	
OUTSIDE FUNDING:	Unknown	
SCHEDULE:	Design:	Future
	ROW:	Future
	Construction:	Future

City of St. Charles Long Range Transportation Plan



City of St. Charles Long Range Transportation Plan

WALSH COURT EXTENSION

GOAL OF PROJECT: Road extension to be required of future development as identified in a Traffic Study for New Town.

PROJECT DESCRIPTION: Extension of Walsh court to the north for connection to a future arterial in New Town. This project is in conjunction with the Walsh Court Future CIP.

PROJECT LIMITS: Continue the extension of Walsh Court to connect to the New Town Development

ESTIMATED COST: Unknown

OUTSIDE FUNDING: Unknown

SCHEDULE:	Design:	Development Based
	ROW:	Development Based
	Construction:	Development Based

Note: If project is not completed, New Town Blvd may be required to be widened to 5 lanes upon final build out of the New Town Subdivision.

City of St. Charles Long Range Transportation Plan



City of St. Charles Long Range Transportation Plan

ELM POINT ROAD RECONSTRUCTION

GOAL OF PROJECT: Improve safety and traffic flow.

PROJECT DESCRIPTION: Upgrade of the existing roadway through the addition of shoulders and turn lanes and evaluation of stormwater drainage. This project will be coordinated with St. Charles County, adjacent development, including the Elm Point Road Extension.

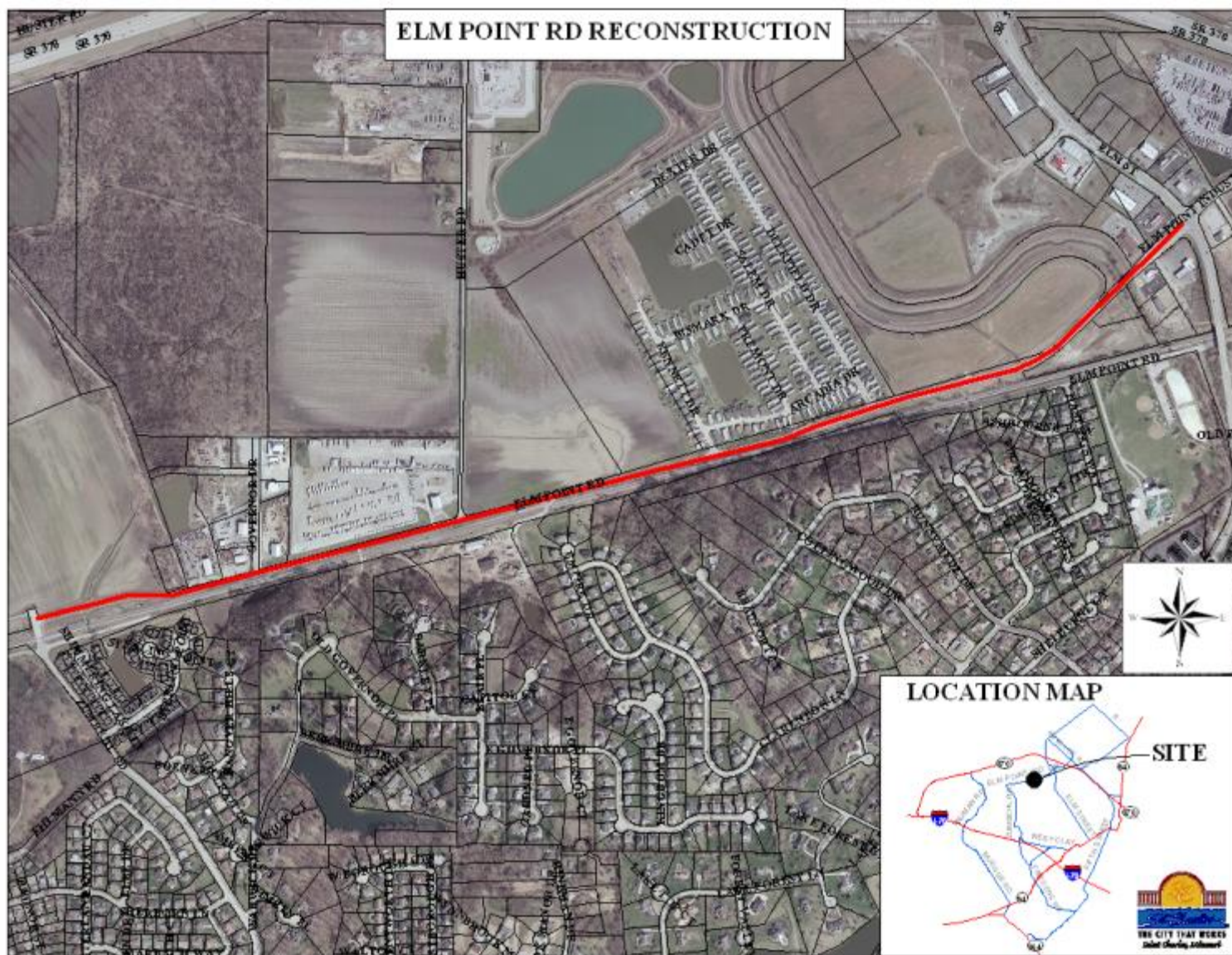
PROJECT LIMITS: Elm Point Road between Elm Street and Zumbuhl Road

ESTIMATED COST: To be determined

OUTSIDE FUNDING: Unknown

SCHEDULE:	Design:	Future
	ROW:	Future
	Construction:	Future

Note: County completing corridor study. Project contingent on expansion and/or upgrade projects in the County.

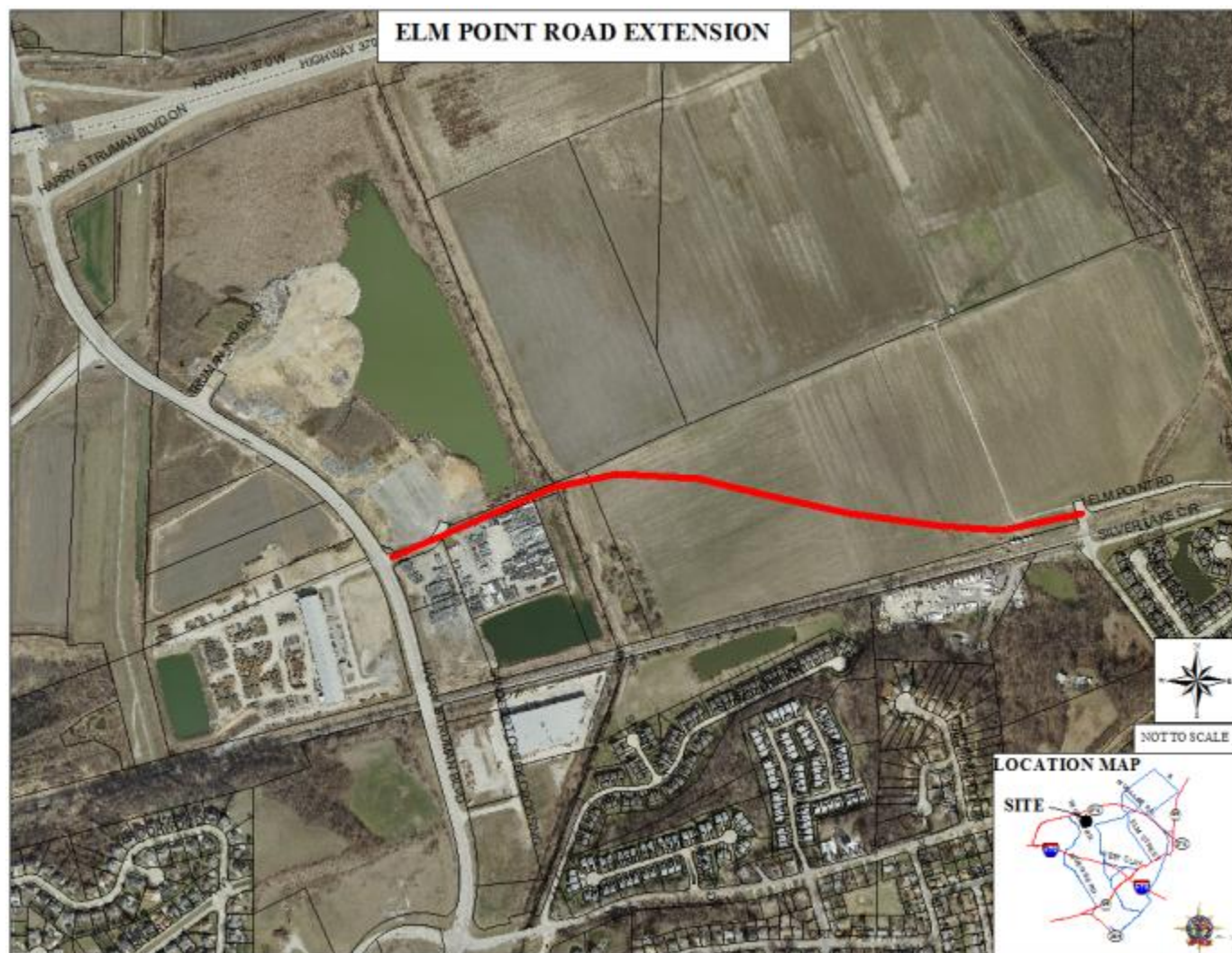


City of St. Charles Long Range Transportation Plan

ELM POINT ROAD EXTENSION

GOAL OF PROJECT:	New road construction to encourage development.	
PROJECT DESCRIPTION:	Extension of a 3 lane road as needed by development of adjacent area. The extension would allow greater access to Rte 370 with a connection to Truman Blvd, near Rte 370. Project to be coordinated with St. Charles County.	
PROJECT LIMITS:	Zumbehl Rd. to Truman Blvd.	
ESTIMATED COST:	To be determined	
OUTSIDE FUNDING:	Unknown	
SCHEDULE:	Design:	Future
	ROW:	Future
	Construction:	Future
Note:	County completing corridor study. Project contingent on expansion and/or upgrade projects in the County.	

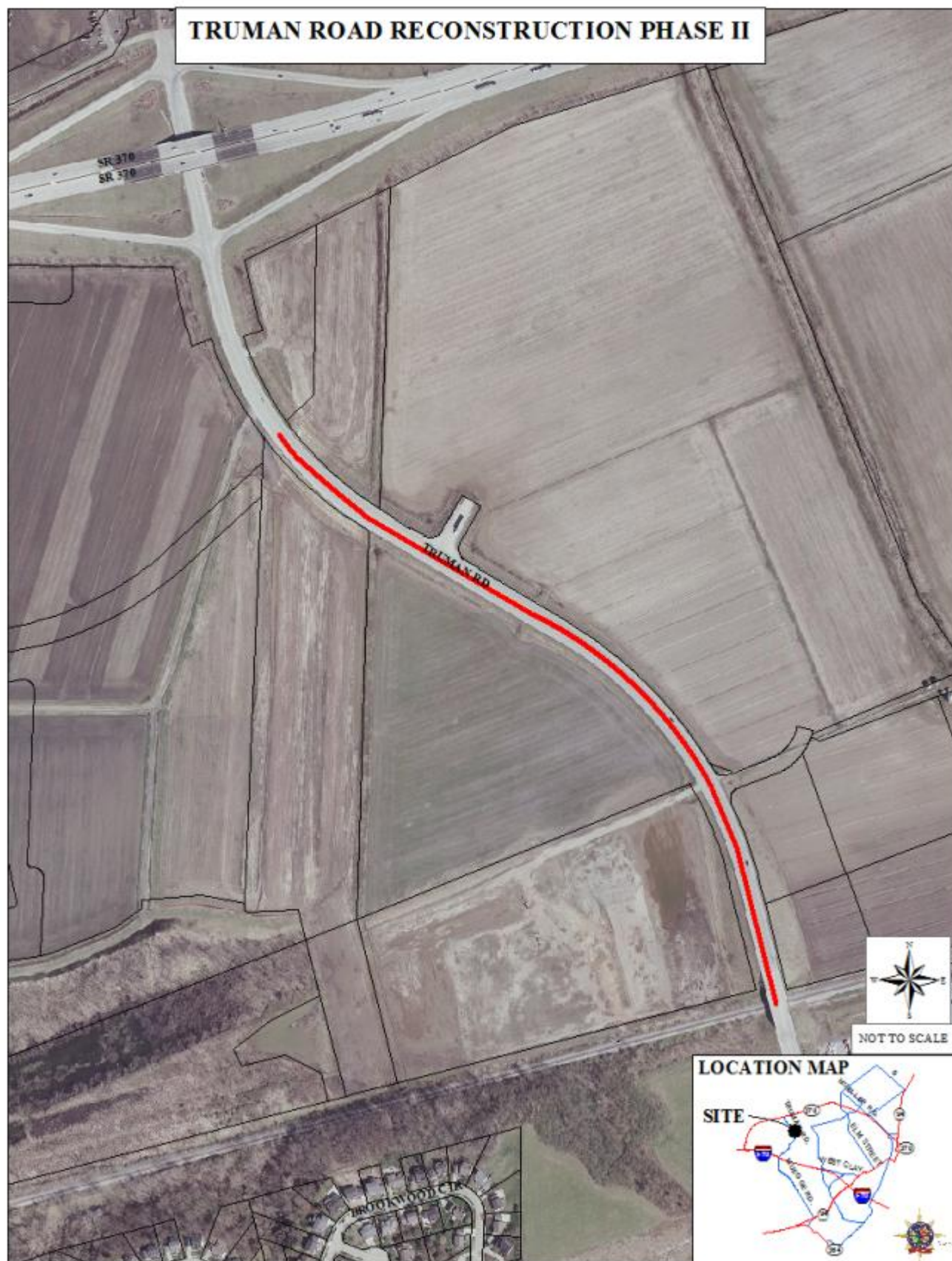
City of St. Charles Long Range Transportation Plan



City of St. Charles Long Range Transportation Plan

TRUMAN ROAD RECONSTRUCTION (PHASE II)

GOAL OF PROJECT:	Raise the road to prevent flooding. Reconstruction to be required as part of adjacent development.	
PROJECT DESCRIPTION:	Reconstruct Truman Road at a higher elevation to prevent future flooding along the roadway.	
PROJECT LIMITS:	St. Peters City Limits to north side of railroad tracks.	
ESTIMATED COST:	Unknown	
OUTSIDE FUNDING:	Unknown	
SCHEDULE:	Design:	Development Based
	ROW:	Development Based
	Construction:	Development Based
Note:	Improvements to be coordinated with the City of St. Peters.	

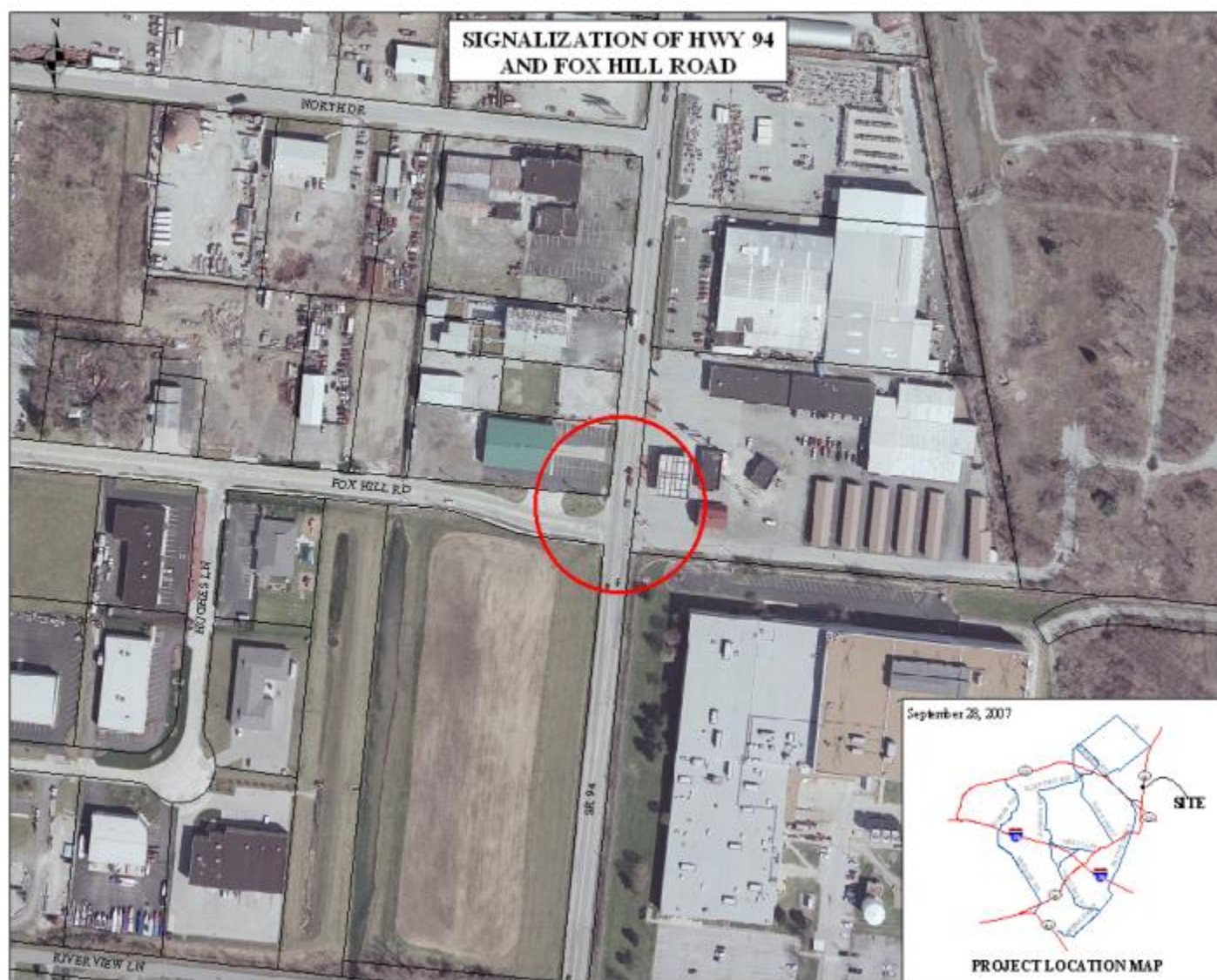


HWY 94 AND FOX HILL SIGNALIZATION

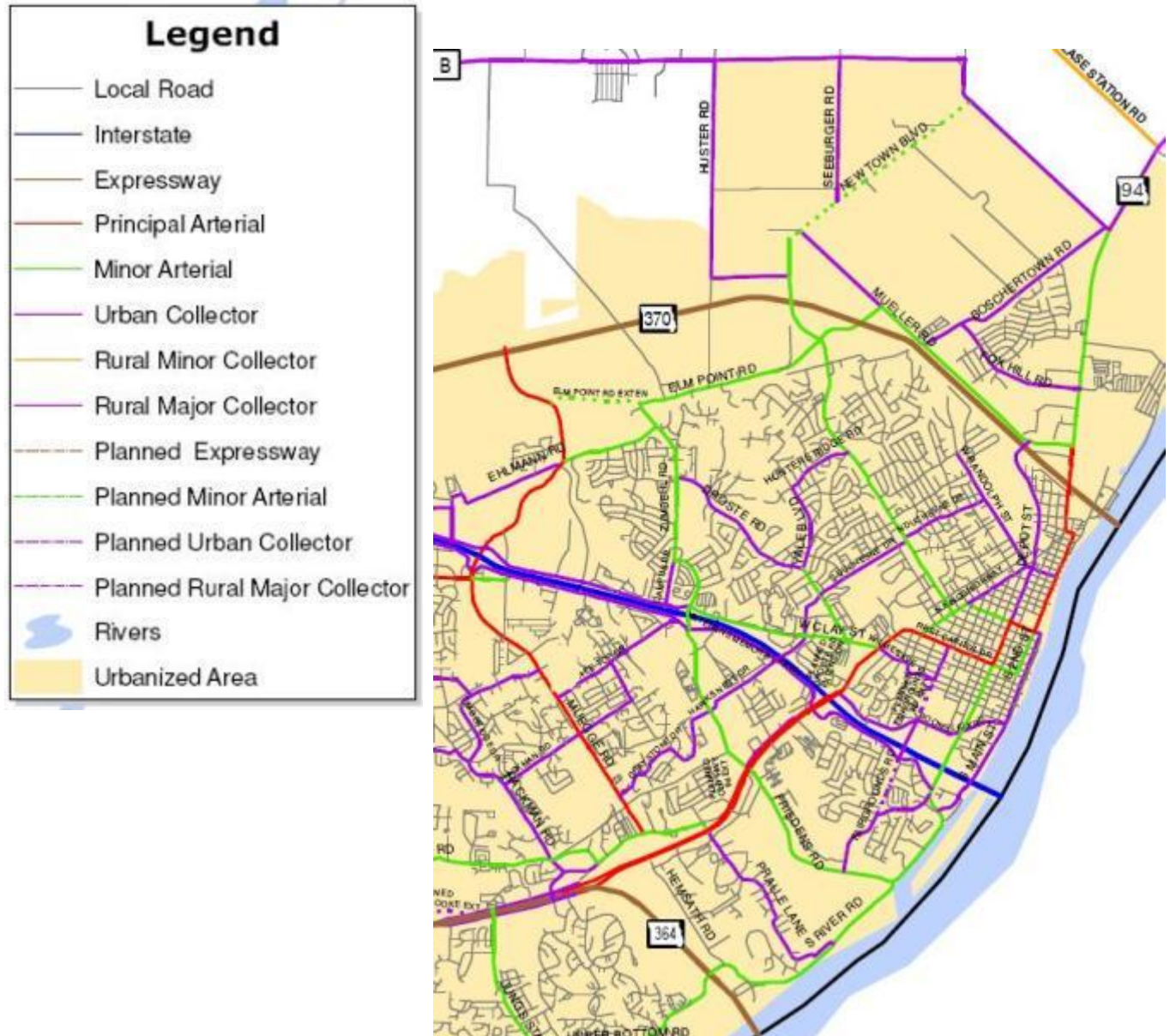
- GOAL OF PROJECT: Improve safety and traffic movement.
- PROJECT DESCRIPTION: Installation of permanent traffic signals.
- PROJECT LIMITS: Intersection of Fox Hill Rd and Hwy 94
- ESTIMATED COST: \$250,000
- OUTSIDE FUNDING: N/A
- SCHEDULE:

Design:	Future
ROW:	Future
Construction:	Future

City of St. Charles Long Range Transportation Plan



EAST-WEST GATEWAY FUNCTIONAL CLASSIFICATION



COUNTY ROAD BOARD FUNDING ELIGIBLE MAP

